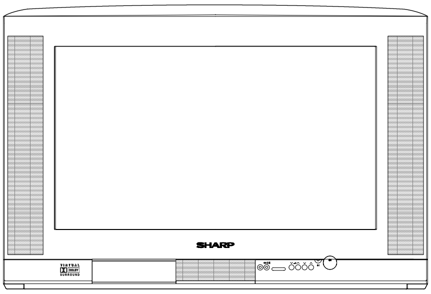
SHARP

SERVICE MANUAL

SEJB70GF66E00
Issued: 4th July 2001

DA-100W CHASSIS

PAL B/G, I / SECAM L/L', B/G, D/K SYSTEM COLOUR TELEVISION



MODEL 70GF-66E DE/ES/F/IT/SE

In the interests of user safety (required by safety regulations in some countries) the set should restored to its original condition and only parts identical to those specified should be used.

CONTENTS

SHARP CORPORATION

SERVICE MANUAL UPDATE LOG SHEET

Technical Report No. Technical Bulletin No.	Cause / Solution	Part No.	Page No.	Application Data /Serial No.

Use this page to keep any special servicing information as Technical Report (Bulletin), Technical Information, etc.
If only part number changes are required, just change part number directly the part number in the Parts Listing Section.
If you need more information, please refer to the Technical Report (Bulletin).

ELECTRICAL SPECIFICATIONS

- Power Input .... 220V-240 Volts AC 50Hz
- Power Consumption
  - Normal Operation 114W
  - Stand-by Operation 1W
- Audio Power Output Rating (MPO) / Impedance
  - Internal Left Speaker 15W, 7Ω
  - Internal Right Speaker 15W, 7Ω
- Speakers
  - Left / Right .... 6x 12 cm
- Convergence
  - Static (Centre) .... between any two colours
  - Dynamic .... after static equals zero
- Focus .... High Bi-Potential Electrostatic
- Sweep Deflection .... Magnetic
- Picture Intermediate frequency
  - L'...33.9MHz
  - L, B/G, D/K,I...............................38.9MHz
- Sound Carrier Trap
  - L'...40.4MHz
  - L, D/K...32.4MHz
  - B/G..33.4MHz
  - I..32.9MHz
- Adjacent Sound Carrier Trap
  - L'...32.4MHz
  - L, D/K, B/G................................40.4MHz
  - I..40.9MHz
- Adjacent Picture Carrier Trap
  - L'...41.9MHz
  - L, D/K,I.......................................30.9MHz
  - B/G..31.9MHz
- Aerial Input Impedance
  - VHF/UHF .... 75 ohm Unbalanced
- Tuning Ranges.......45.75MHz thru 855.25 MHz
  - VHF: IR A~J / S1~S41 CH (HIPERBAND)
    E2~E12 / F2~F10
  - UHF: E21~E69 CH, I21~I69 CH
  - CATV Special Channels

- White Level

  Set brightness control to get total picture tube cathode current of 600 milliammeter under no signal condition. Maximum necessary correction of each picture tube cathode current to get 8550 degrees K+1 MPCD screen temperature should not exceed 15% of its original value.

X=0.290 **Y=0.300**

Specifications are subject to change without prior notice.

EN 61000-3-2

In order to comply with the European Norm 61000-3-2 regarding Electromagnetic compatibility (EMC), it has been included mainly, in the Line Filter Circuit (F7338) and Foco Module (F7314) , on every TV set manufactured from January 2001.
On TV set manufactured before the above date (Serial Number 800929 or previous), this modification is not required.
Note: On TV set produced from June 2001, the Line Filter Circuit is combined into the Power Switch Unit PWB N1 Version (F7317N1).

MODEL DESTINATION & DIFFERENCES.

70GF-66EDE: Germany, Austria. Particular Operation Manual.
70GF-66EES: Spain. Particular Operation Manual.
70GF-66EF: France. Particular Operation Manual.
70GF-66EIT: Italy. Particular Operation Manual.
70GF-66ESE: Switzerland. Particular Operation Manual.

WARNING

Part of this chassis is not isolated from the mains supply. When carrying out any servicing work, ensure that an isolation transformer is connected in the mains supply.
To prevent electric shock, do not remove the cover unless you are qualified to do so. Refer servicing work to a qualified engineer.

IMPORTANT SERVICING NOTES

Only qualified service personnel are allowed to carry out maintenance and repair of this receiver.

SERVICING OF HIGH VOLTAGE SYSTEM AND CRT

It is important that the static charge is removed from the high voltage system when carrying out work on the receiver. This can be achieved by connecting a 10K resistor (with a suitably insulated lead) from the CRT cavity connector to the CRT ground tag. This must be carried out with the AC supply disconnected from the receiver.
Note the following:

- The CRT in this receiver employs Integral Implosion Protection.
- If the CRT has to be changed it MUST be replaced with the correct type for continued safe working
- DO NOT lift the CRT by its neck.
- When handing the CRT, ensure that shatterproof goggles are worn.
- Ensure that the CRT is discharge before handling.

X-RAY

This receiver is designed to keep any x-ray emission to an absolute minimum. Some fault conditions and servicing procedures may produce potentially hazardous x-ray radiation levels. This is a problem when in close proximity to the receiver for long periods of time. To reduce any risks associated with this, please observe the following precautions:

1. When undertaking any servicing on this chassis, DO NOT increase the EHT to more than 33 KV, (at a instantaneous beam current of 1800μA).
2. Ensure that during normal operation the EHT does not exceed 30KV±2KV (at a beam current of 1300μA). This level has been preset in the factory. Always check that this level has not been exceeded after carrying out any repair on the receiver.
3. DO NOT replace the CRT with any other type than that specified in the parts listing as this may cause excessive x-ray radiation.

BEFORE RETURNING THE RECEIVER TO THE CUSTOMER

In addition to the above checks, the following should also be carried out before returning the receiver to the customer.

1. Inspect all the leads to ensure that they are dressed correctly and that they are not obstructed or pinched by any other parts.
2. Ensure that all protective devices are in good condition. These will include nonmetallic control knobs, insulating fish papers, cabinets backs, compartment covers or shields, mechanical insulators, etc.

ADJUSTMENT PROCEDURES

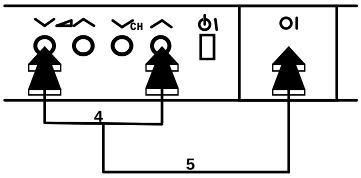
All adjustments to this chassis, except for focus, are carried out in the service mode.

• SERVICE MODE

The service mode is provided to enable the engineer to correctly set up the receiver to the CRT fitted in the set. Note that these adjustments may vary from one receiver to another.

To enter the service mode, carry out the following procedure.

1. Connect a test pattern to the antenna terminal.
2. Tune the receiver to this signal.
3. Turn the receiver off using the mains switch.
4. Press volume down and channel up buttons on the front of the receiver at the same time.
5. Keeping these buttons pressed, turn the mains on.
6. When the set starts up it will be in service mode.
7. Release the two buttons.



- Use the channel up and down buttons to move between the options.
- Use the volume control buttons to change the data.
- To store the data, use the stand-by button on the remote control.
- To exit the service mode, turn the receiver off using the mains switch.

When the service mode is entered the following On Screen Display appears

-SERVICE SOFTWARE AND HEXADECIMAL COUNTER DISPLAY:
SW ON XXXX SW OFF XXXX HOURS ON XXXX

The figures displayed in the XXXX locations are hexadecimal representations of the number of times that particular function has been executed. For example if the hexadecimal number displayed after SW ON was 0E4A, this would correspond to the receiver being turned on 3658 times.

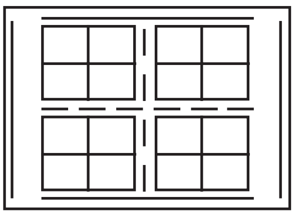
Adjustment menu:

The following adjustments can be carried out in the service mode.

- Horizontal Shift
- East West Width
- Pin Phase
- Pin Amp
- Upper corner correction
- Lower corner correction
- Vertical Linearity
- Vertical angle
- Vertical bow
- Vertical Amplitude
- S Correction
- Extreme Corner Correction
- Vertical Shift
- Red Cut Off
- Green Cut Off
- Blue Cut Off
- Alter NVM Page
- Alter NVM Position
- Alter NVM Value
- Teletext Mix Mode Contrast
- Teletext Contrast
- OSD Contrast
- DVCO Adjustment (Only PAL)
- DVCO Adjustment (Only NTSC)
- Luma croma delay
- AGC Adjustment
- AFT Adjustment (BG-I-L)
- AFT Adjustment (L')
- OPC Value
- Auto Installation On/Off

Geometry Adjustments

All geometry adjustments are based on an internally generated test pattern as shown in figure 1. When carrying out any of the above geometry adjustments, use the internally generated test pattern for guidance.


Fig.1

The following geometry adjustments can be carried out. Detailed instructions on how to execute these are given on the following pages

Horizontal

- Horizontal Shift
- E-W Width
- Pin Phase
- Pin Amp
- Upper Corner Amplitude
- Lower Corner Symmetry
- Extreme Corner Symmetry

Vertical

- Vertical Amplitude
- S Correction
- Vertical Shift
- Vertical Linearity
- Vertical angle
- Vertical bow

Just in case the TV set requires a full geometries adjustment, please proceed first with Vertical according to the above order, and after that, adjust Horizontal according to the above order.

Horizontal Shift

Adjust the horizontal shift so that the picture is centred.
The effect of this adjustment is shown in figure 2.

- When the volume up button is pressed, the picture moves to the left.
- When the volume down button is pressed, the picture moves to the right.
- Press the stand-by button on the remote control to store.

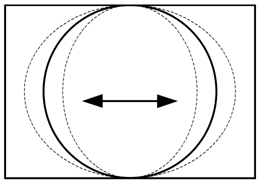


Fig.2

E-W Width

Adjust the E-W Width so that 9% over-scan is achieved.
The effect of this adjustment is shown in figure 3.

- When the volume up button is pressed, horizontal scanning increases.
- When the volume down button is pressed, horizontal scanning decreases.
- Press the stand-by button on the remote control to store.

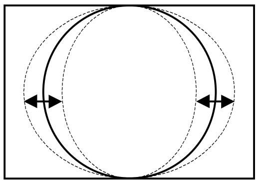


Fig.3

Pin Phase

Adjust the Pin Phase so that the picture is symmetrical top and bottom.
The effect of this adjustment is shown in figure 4.

- When the volume up button is pressed, side pincushion changes.
- When the volume down button is pressed, side pincushion changes.
- Press the stand-by button on the remote control to store.

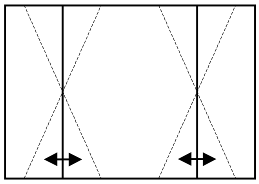


Fig.4

Pin Amp

Adjust the Pin Amplitude so that the picture is centred.
The effect of this adjustment is shown in figure 5.

- When the volume up button is pressed, side pincushion changes from pincushion to barrel shape.
- When the volume down button is pressed, side pincushion changes from pincushion to barrel shape.
- Press the stand-by button on the remote control to store.

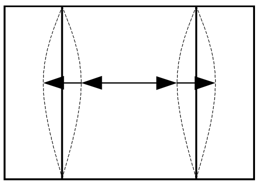


Fig.5

Upper Corner Correction

Adjust the Upper Corner Correction so that the picture is centred.
The effect of this adjustment is shown in figure 6.

- When the volume up button is pressed, side pincushion changes from pincushion to barrel shape.
- When the volume down button is pressed, side pincushion changes from pincushion to barrel shape.
- Press the stand-by button on the remote control to store.

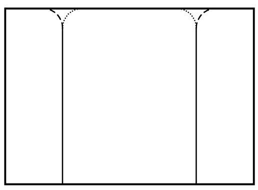
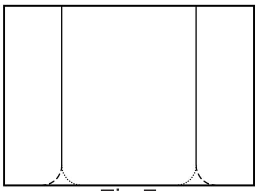


Fig.6

Lower Corner Correction

Adjust the Lower Corner Correction so that the picture is centred.
The effect of this adjustment is shown in figure 7.

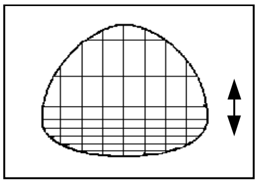
- When the volume up button is pressed, side pincushion changes from pincushion to barrel shape.
- When the volume down button is pressed, side pincushion changes from pincushion to barrel shape.
- Press the stand-by button on the remote control to store.


Fig.7

Vertical Linearity

Adjust the Vertical Linearity so that the upper and lower parts of the picture are symmetrical.
The effect of this adjustment is shown in figure 8.

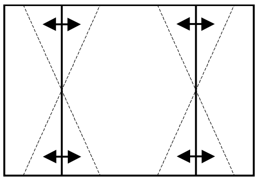
- When the volume up button is pressed, the upper picture scanning decreases and the lower picture scanning increases.
- When the volume down button is pressed, the upper picture scanning increases and the lower picture scanning decreases.
- Press the stand-by button on the remote control to store.


Fig.8

Vertical Angle

Adjust the Vertical Amplitude so that the picture is centred.
The effect of this adjustment is shown in figure 9

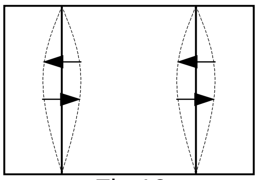
- When the volume up button is pressed, the vertical angle changes to right.
- When the volume down button is pressed, the vertical angle changes to left.
- Press the stand-by button on the remote control to store.


Fig.9

Vertical Bow

Adjust the Vertical Bow so that the picture is centred.
The effect of this adjustment is shown in figure 10

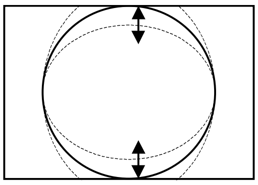
- When the volume up button is pressed, the vertical bow changes to right.
- When the volume down button is pressed, the vertical bow changes to left.
- Press the stand-by button on the remote control to store.


Fig.10

Vertical Amplitude

Adjust the Vertical Amplitude so that the picture is over-scanned.
The effect of this adjustment is shown in figure 11.

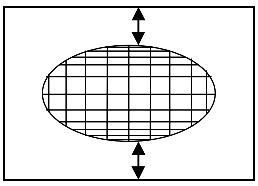
- When the volume up button is pressed, the vertical size of the picture increases.
- When the volume down button is pressed, the vertical size of the picture decreases.
- Press the stand-by button on the remote control to store.


Fig.11

S Correction

Adjust the S Correction so that the picture symmetrical between the top, centre and bottom.
The effect of this adjustment is shown in figure 12.

- When the volume up button is pressed, the top and bottom scanning increases and the centre scanning decreases.


Fig.12

- When the volume down button is pressed the top and bottom scanning decreases and the centre scanning increases.
- Press the stand-by button on the remote control to store.

Vertical Shift

Adjust the Vertical Shift so that the picture is centred.
The effect of this adjustment is shown in figure 13.

- When the volume up button is pressed, the picture moves up.
- When the volume down button is pressed, the picture moves down.
- Press the stand-by button on the remote control to store.

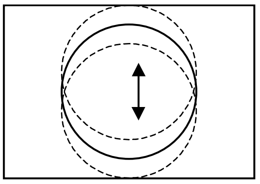


Fig.13

Extreme Corner Correction
Adjust the Extreme Corner Correction so that the picture is centred.
The effect of this adjustment is shown in figure 14.

- When the volume up button is pressed, side pincushion changes from pincushion to barrel shape.
- When the volume down button is pressed, side pincushion changes from barrel shape to pincushion.
- Press the stand-by button on the remote control to store.

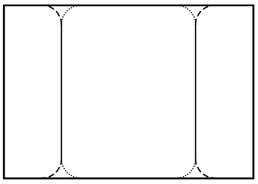


Fig.14

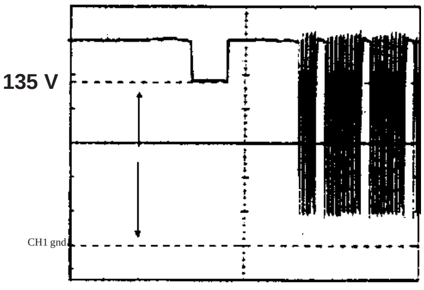
Colour Adjustments

The following adjustments should only be carried out when the CRT, IC801 or IC801 are replaced.

G2, Cut Off and Gain Adjustments

1. Follow the procedure below to set the G2

1.1 Tune the set to the output of a signal generator (cross hatch pattern).
1.2 In the user menu, set contrast to 80/100 and brightness to 40/100.
1.3 Connect the oscilloscope to the red cathode and adjust G2 to read 135V on the sensor pulse as in the drawing:



NOTE:
Oscilloscope should be adjusted for vertical TV field trigger and synchronized with video signal.

2. Follow the procedure below to set the Cut Off.

2.1 Adjust G2.
2.2 Tune a white card.
2.3 Adjust colour to minimum.
X=0.290 ± 0.015 Y=0.300 ± 0.015
2.4 Position colorimeter in the centre of screen.
2.5 Adjust brightness and contrast to obtain a luminance of ≈20 NITS.
2.6 Operate in Service Mode and select location RED CUT OFF, GREEN CUT OFF and BLUE CUT OFF, to obtain colour coordinates:

X=0.290 ± 0.015 Y=0.300 ± 0.015

To increase press volume-up button and to decrease press volume down button.

RED CUT OFF	alter «X» coordinate.
GREEN CUT OFF	alter «Y» coordinate.
BLUE CUT OFF	alter «X» and «Y» coordinates.

Changing NVM Data

To change the data contained within the Non Volatile Memory, it is necessary to first select the page the data is stored in, then the position and finally to change the data itself. The procedure below outlines this process.

1. While on ALTER NVM PAGE, use the volume up/down buttons to change this data (data is shown in hexadecimal format).
2. Press the channel up button and ALTER NVM POSITION appears, use the volume up/down buttons to change this data (data is shown in hexadecimal format).
3. Press the channel up button and ALTER NVM VALUE appears, use the volume up/down buttons to change this data (data is shown in hexadecimal format).

4. Once this data has been set, press the standby button to store.
5. If another NVM value has to be changed, use the channel down button to select the page or position and repeat as necessary.

Note:
DO NOT change any NVM data, unless you have been advised to do so by a Sharp representative. If data is incorrectly changed, serious damage may occur to the receiver.

Contrast Adjustments
Three types of contrast levels can be varied as listed below:

- TELETEXT MIX MODE CONTRAST
- TELETEXT CONTRAST
- OSD CONTRAST

Use the volume up/down buttons to adjust to a suitable level, then press the standby button to store.

DVCO Adjustment (PAL)
Carry out the DVCO Adjustment (PAL) as shown below:
1. Receive a Phillips pattern signal.
2. While in the DVCO ADJUSTMENT (PAL) menu, press the standby button.
3. The adjustment will be carried out automatically and stored.

DVCO Adjustment (NTSC)
No adjustment required.

Auto Installation On/Off
To return the receiver to the original Auto Installation mode, using the volume up or down button, set the Auto Installation On/Off to On. This setting is automatically stored and when the receiver is turned on the next time it will start up in Auto Installation mode.

AGC Adjustment

To correctly align the Automatic Gain Control, follow the procedure outlined below:
1. Tune the set into a pattern generator on CH10.
2. Adjust the signal strength of the pattern generator to 57uV
3. Enter the service mode.
4. Enter the AGC Adjustment menu.
5. Press the standby button on the remote control.
6. The adjustment will be carried out and stored automatically.

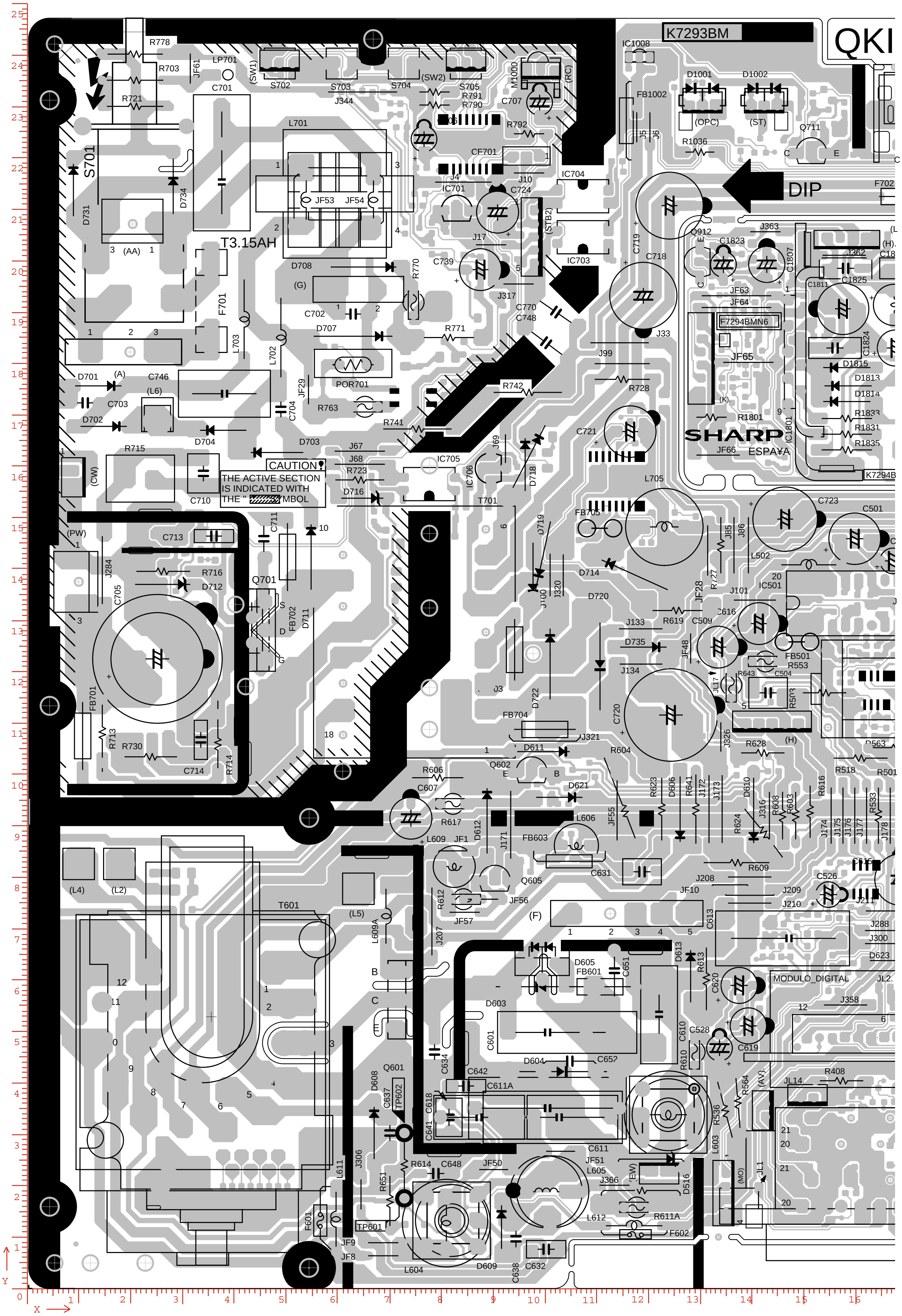
AFT Adjustment (BG-I, SECAM L)

To correctly align the Automatic Fine Tune, follow the procedure outlined below:
1. Tune the set into a pattern generator on CH69.
2. Enter the service mode.
3. Enter the AFT Adjustment menu.
4. Press the standby button on the remote control.
5. The adjustment will be carried out and stored automatically.

AFT Adjustment (SECAM L')

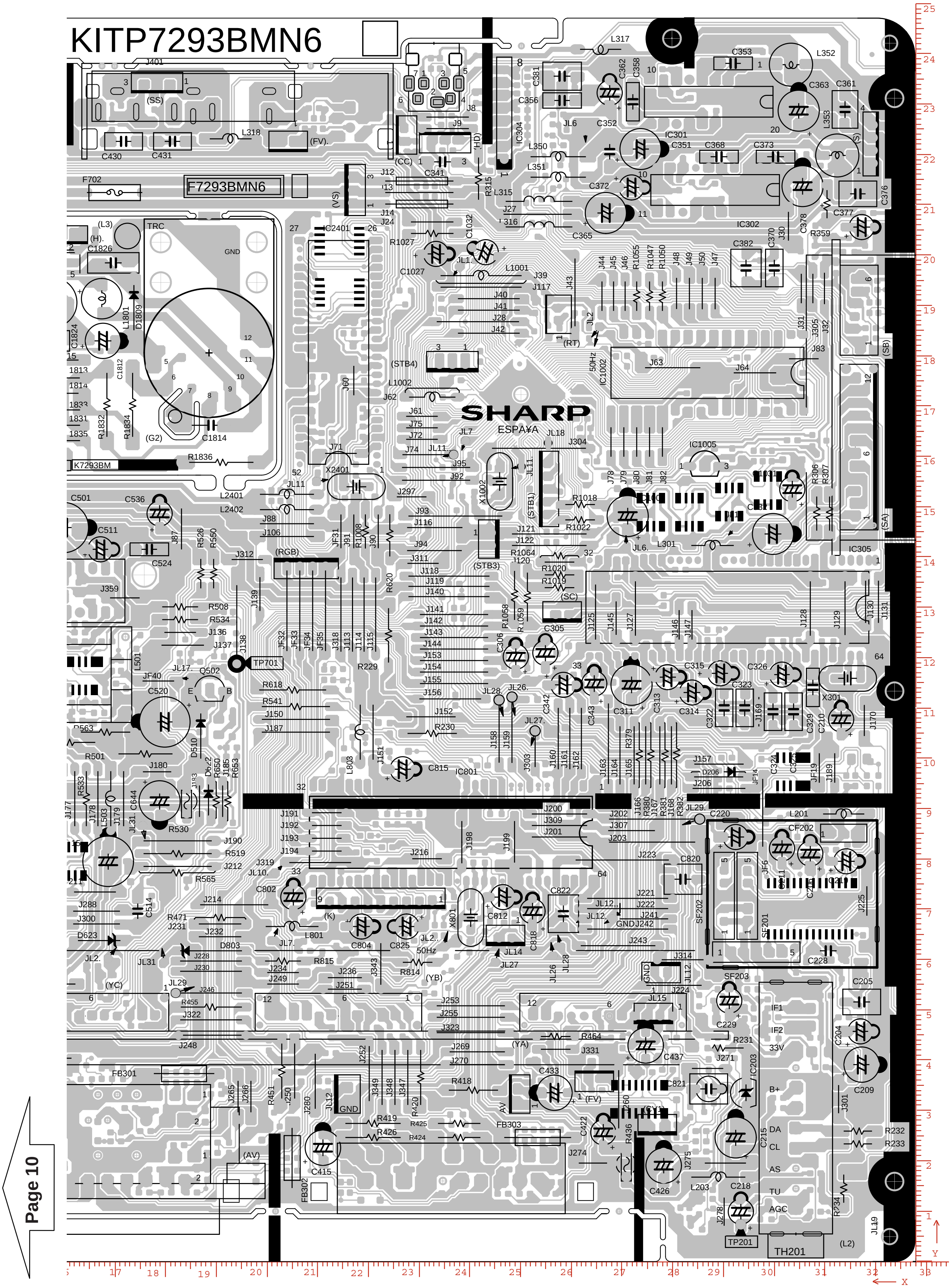
To correctly align the Automatic Fine Tune, follow the procedure outlined below:
1. Tune the set into a pattern generator on CH04.
2. Enter the service mode.
3. Enter the AFT Adjustment menu.
4. Press the standby button on the remote control.
5. The adjustment will be carried out and stored automatically.

MOTHER UNIT PRINTED WIRING BOARD (F7293N6). Component side.

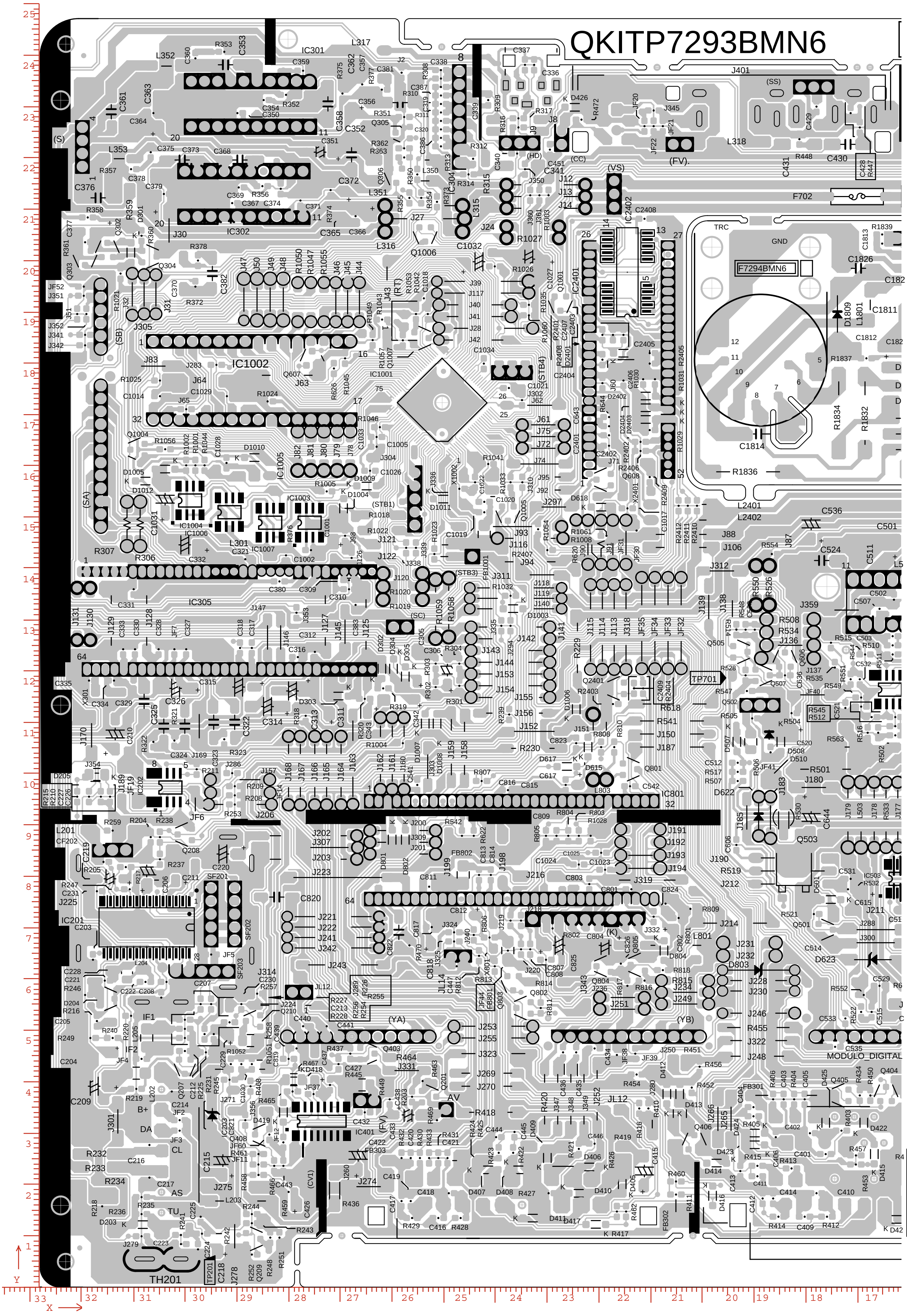


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MOTHER UNIT PRINTED WIRING BOARD (F7293N6). Component side.

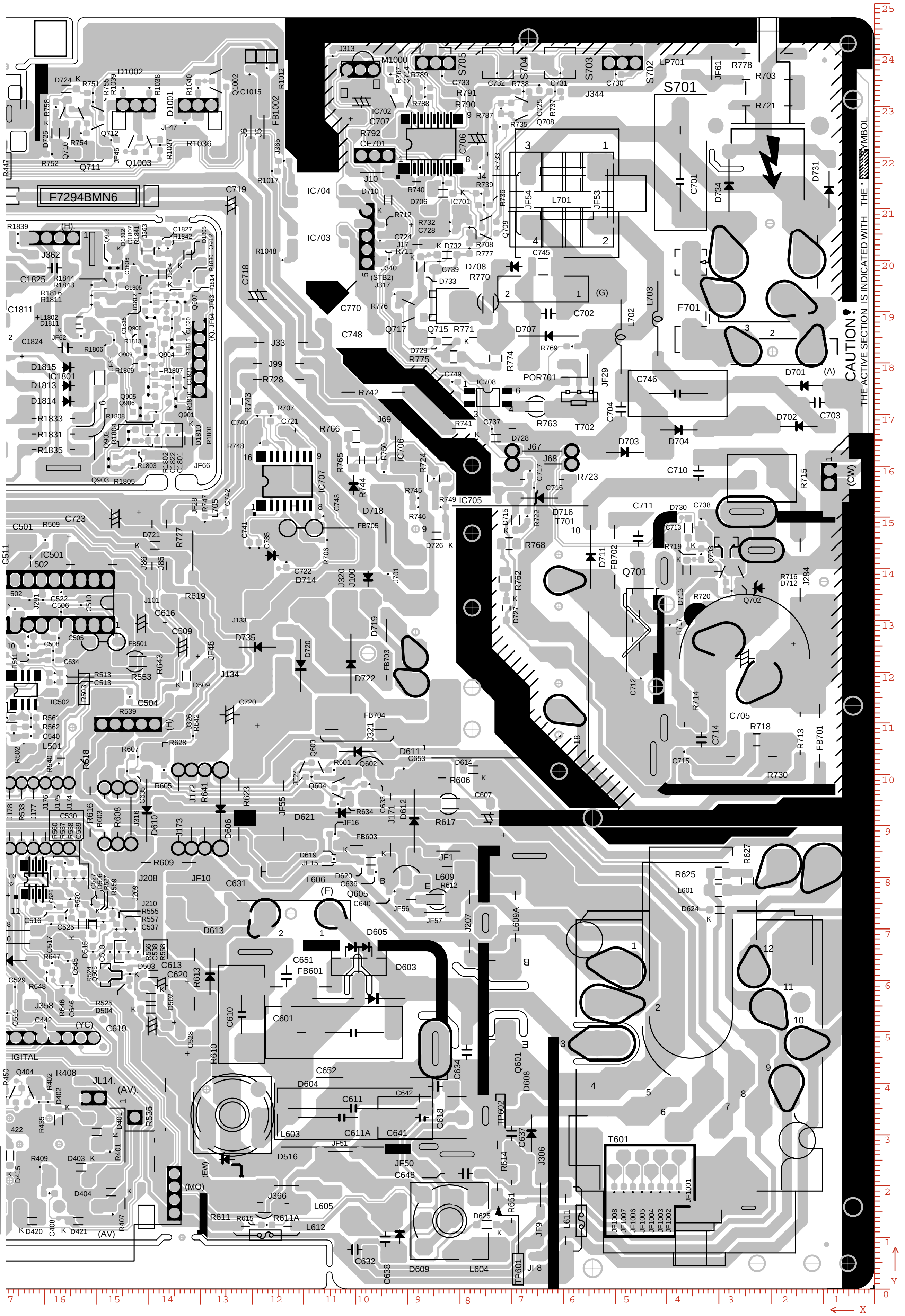


MOTHER UNIT PRINTED WIRING BOARD (F7293N6). Copper side.



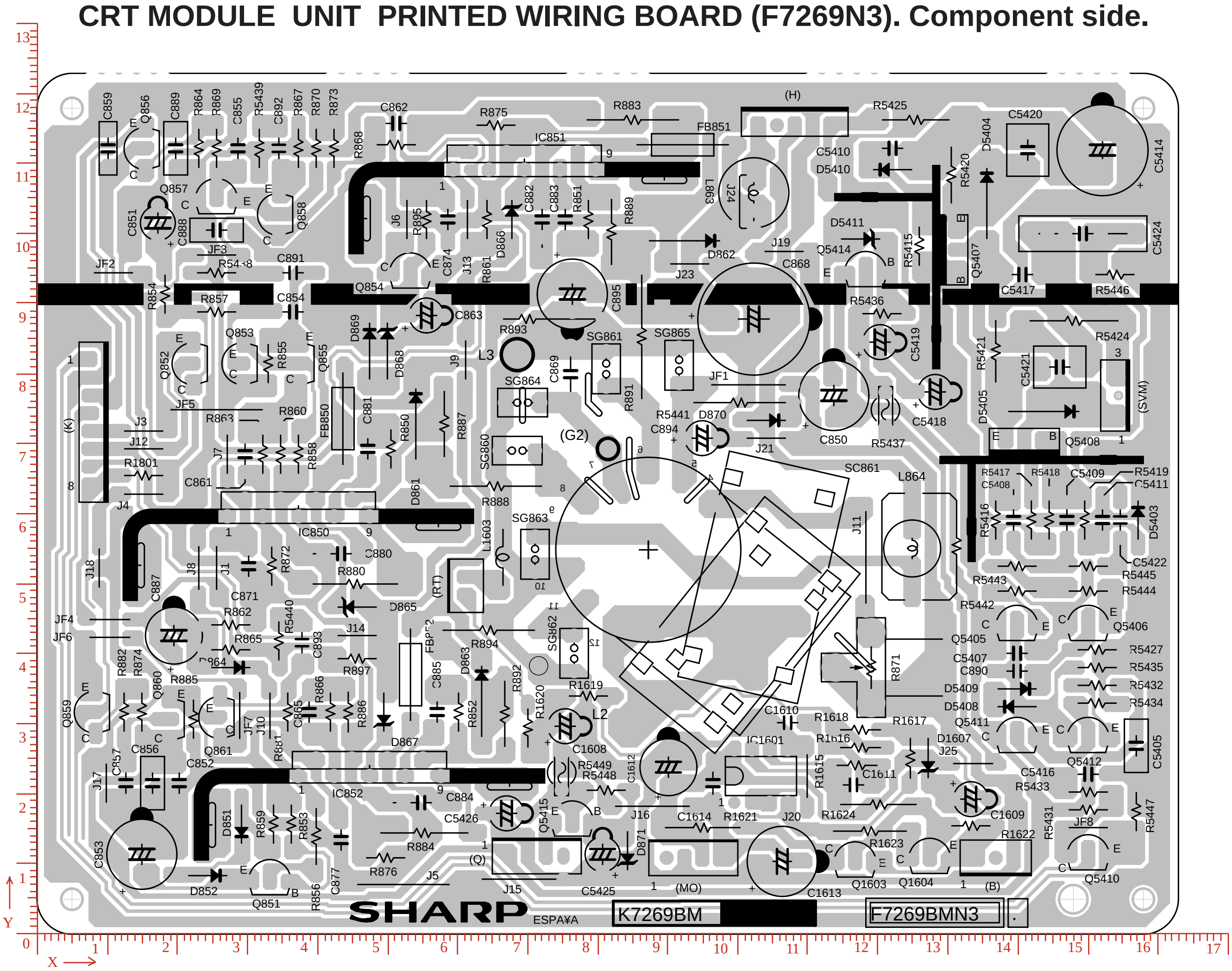
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MOTHER UNIT PRINTED WIRING BOARD (F7293N6). Copper side.

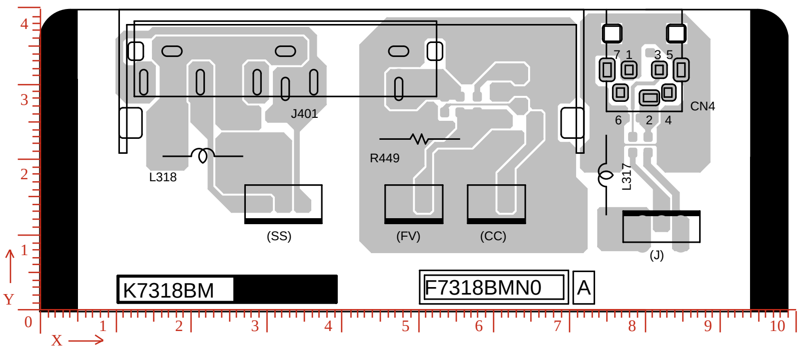


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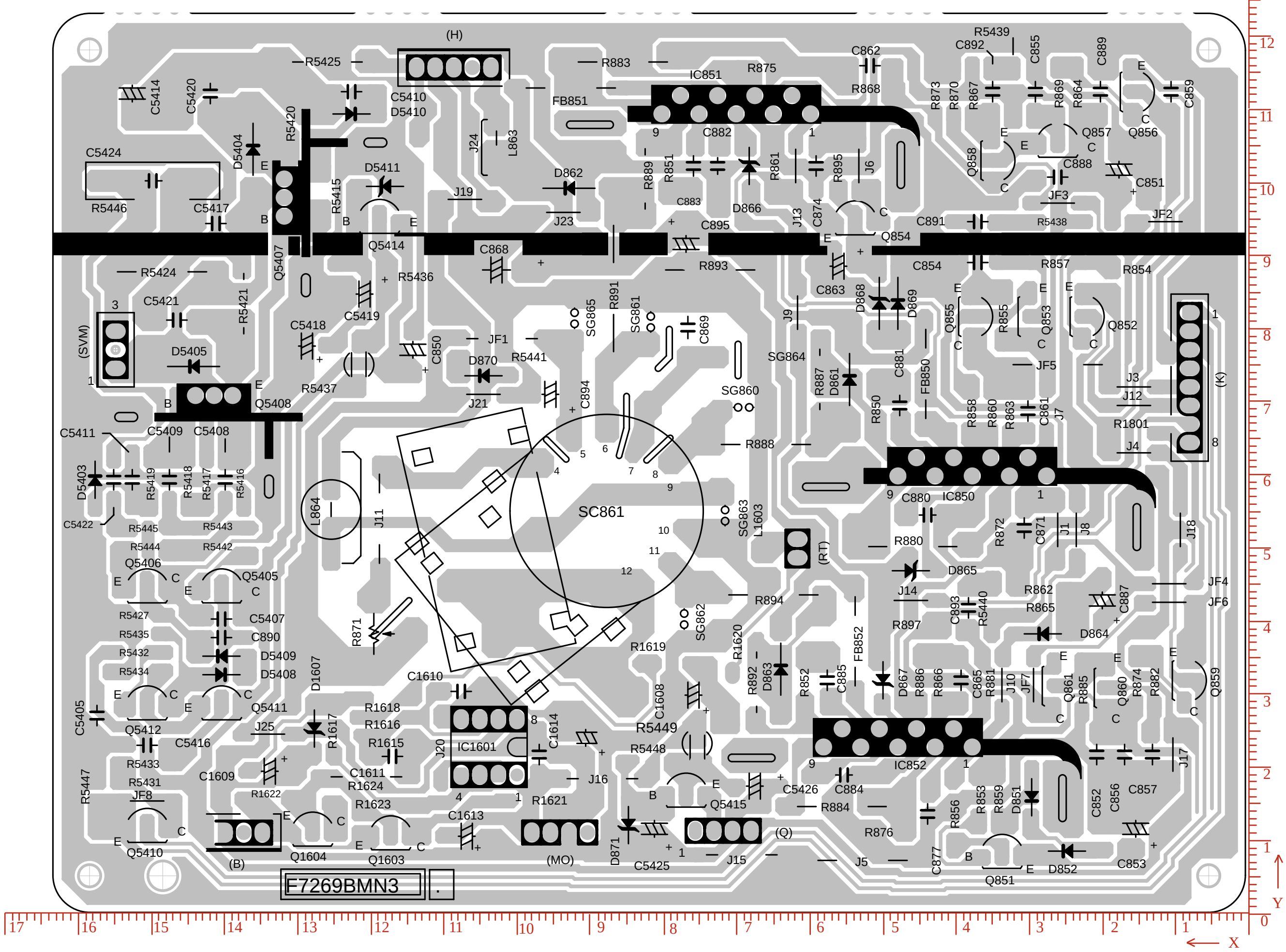
CRT MODULE UNIT PRINTED WIRING BOARD (F7269N3). Component side.



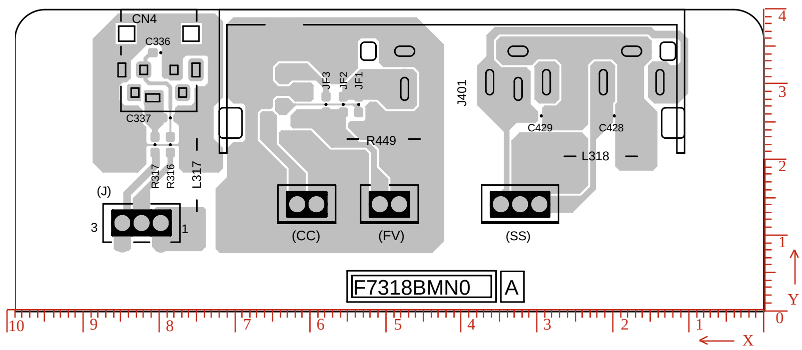
FRONT A/V UNIT PRINTED WIRING BOARD. (F7318N0A). Component side.



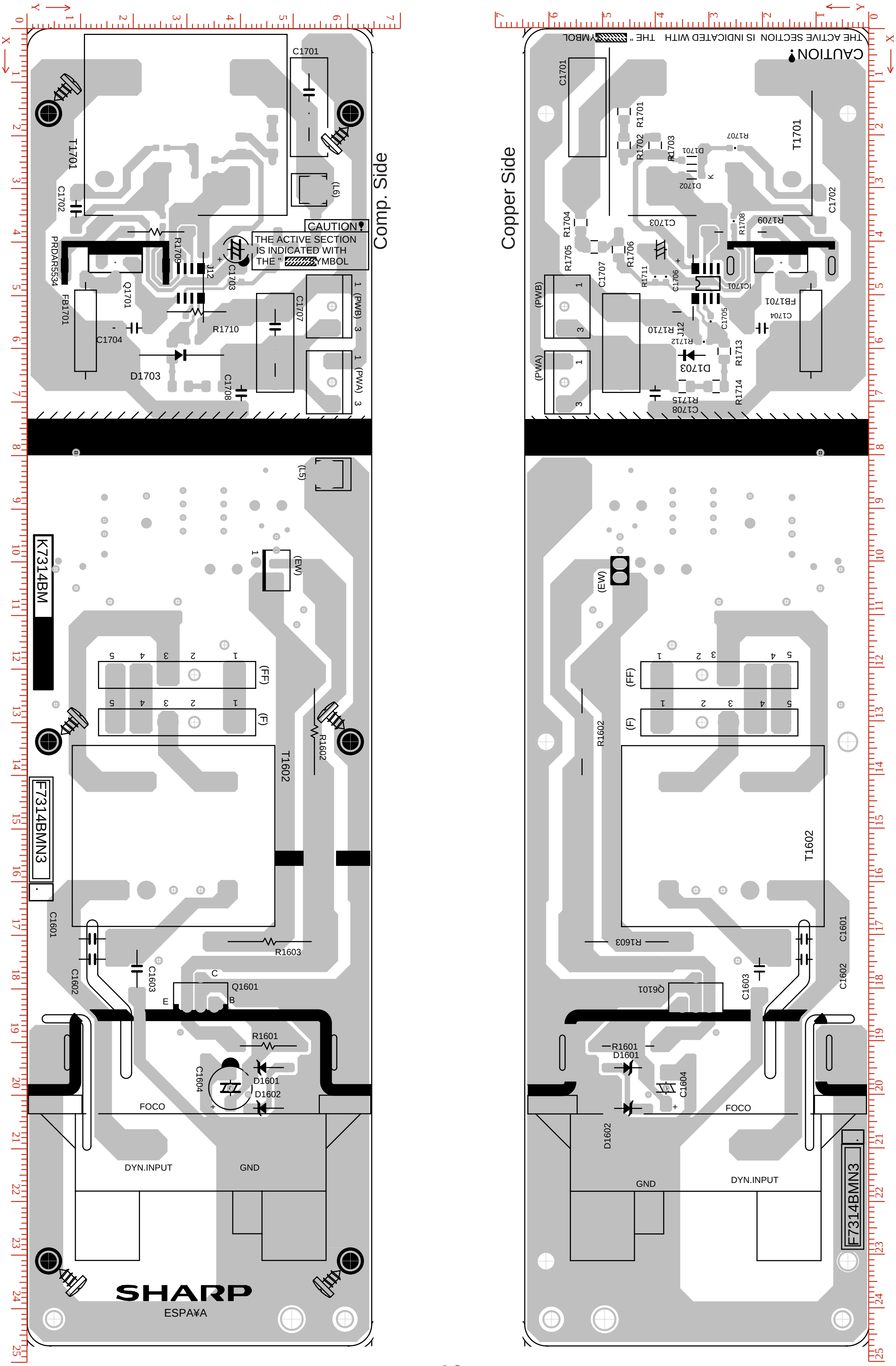
CRT MODULE UNIT PRINTED WIRING BOARD (F7269N3). Copper side.



FRONT A/V UNIT PRINTED WIRING BOARD. (F7318N0A). Copper side.

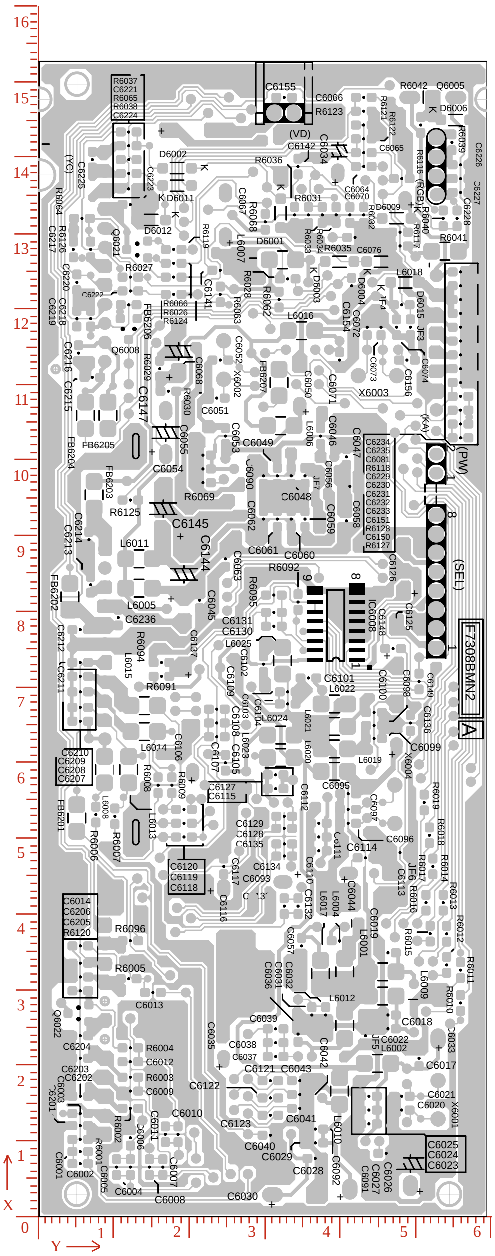


DINAMIC FOCUS UNIT PRINTED WIRING BOARDS (F7314N3).

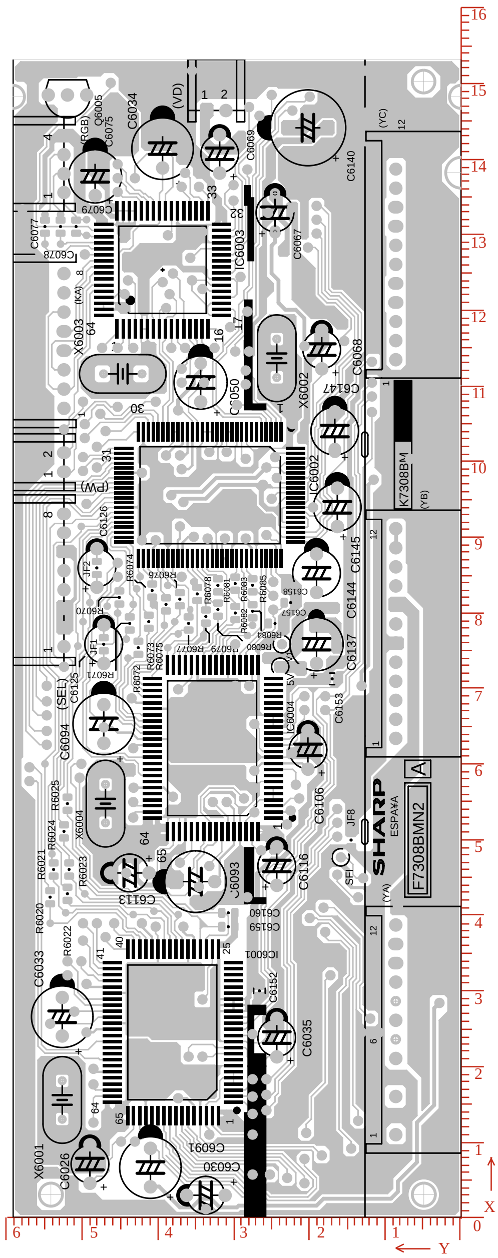


DIGITAL MODULE UNIT PRINTED WIRING BOARDS (F7308N2A).

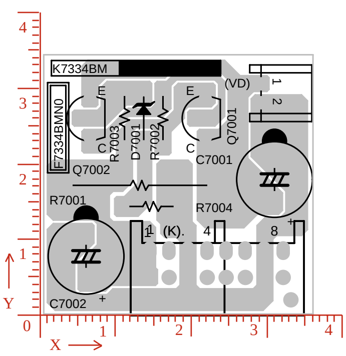
Copper Side



Comp. Side



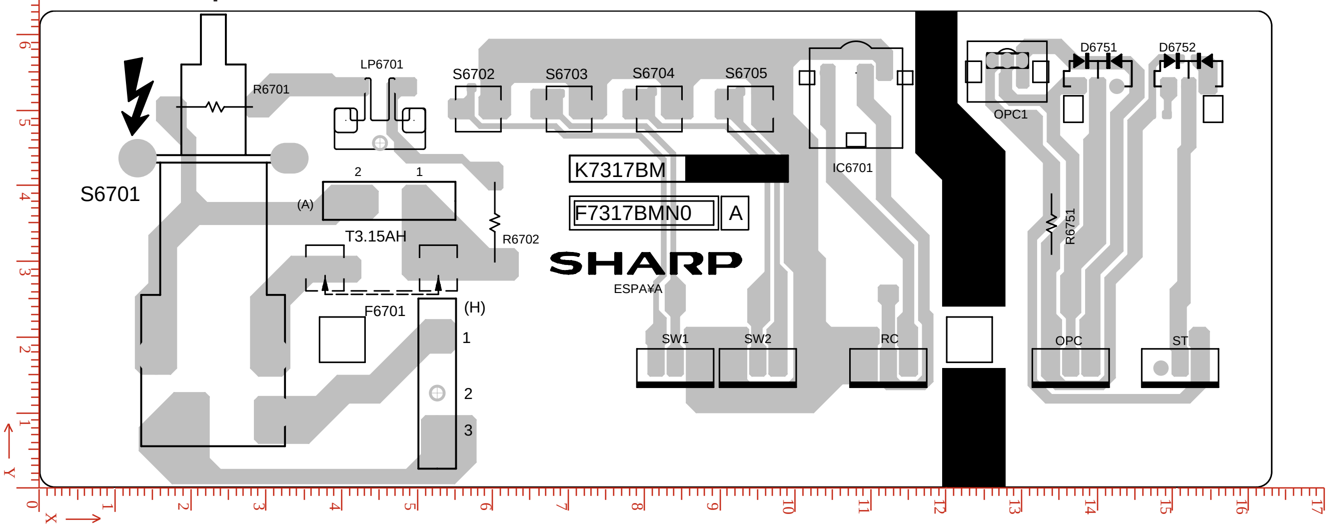
3.3V POWER SUPPLY UNIT (F7334N0) PRINTED WIRING BOARD.

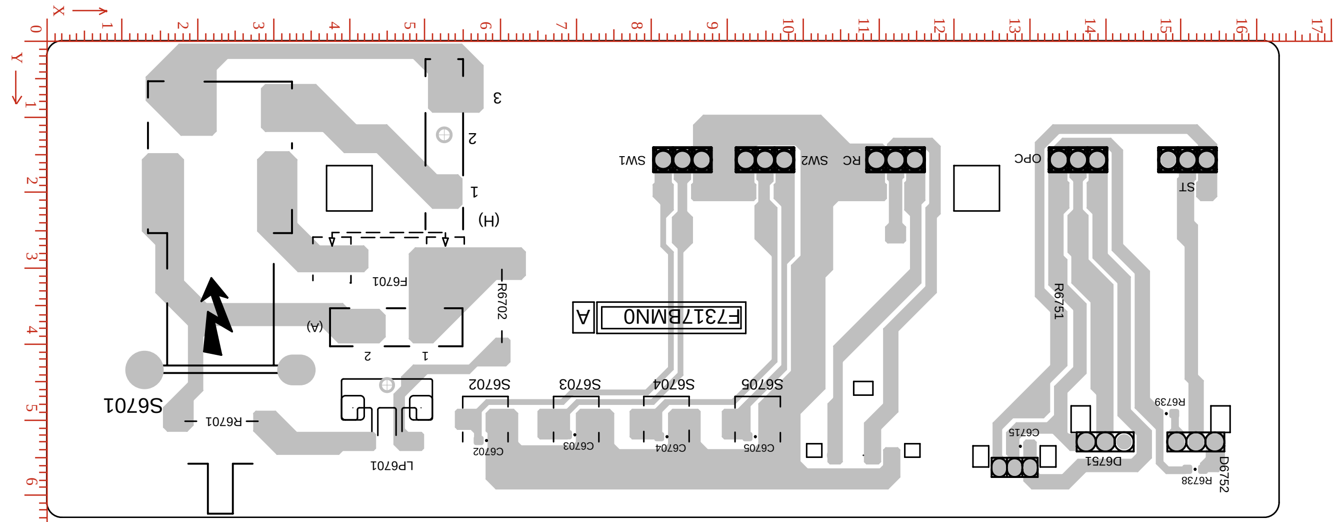


POWER SWITCH UNIT PRINTED WIRING BOARDS (F7317N0A).

This PWB version goes in pairs with 7338N0 Line Filter PWB.

Component side.

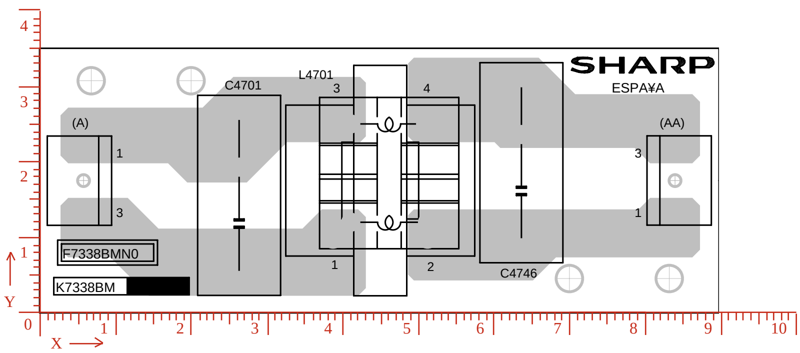




Copper side.

LINE FILTER UNIT (F7338N0). PRINTED WIRING BOARD.

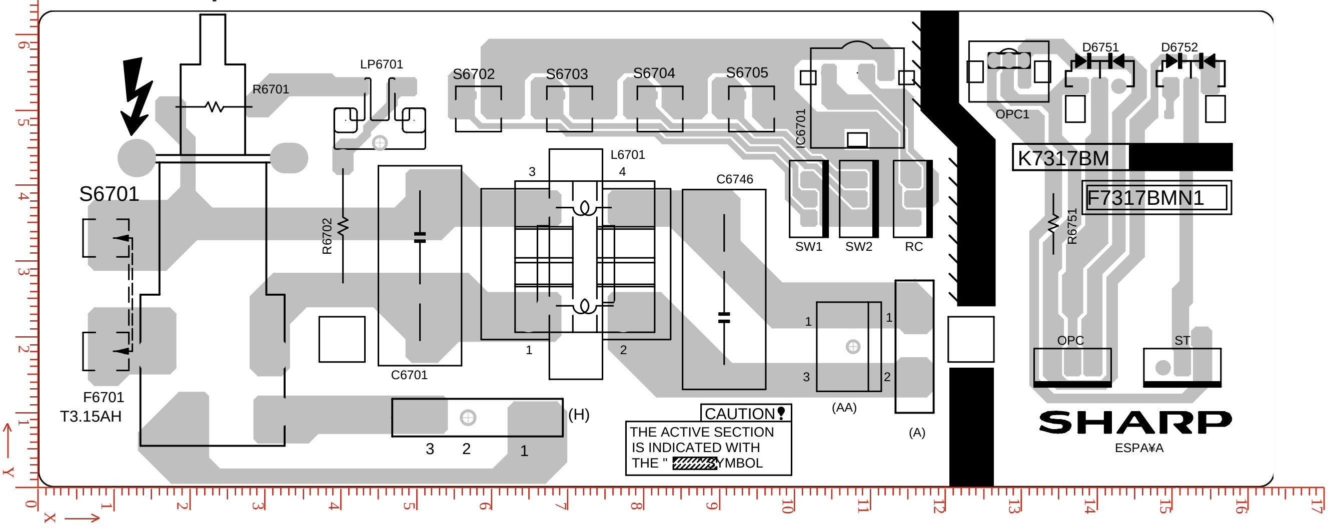
This PWB version goes in pairs with 7317N0A Power Supply PWB.

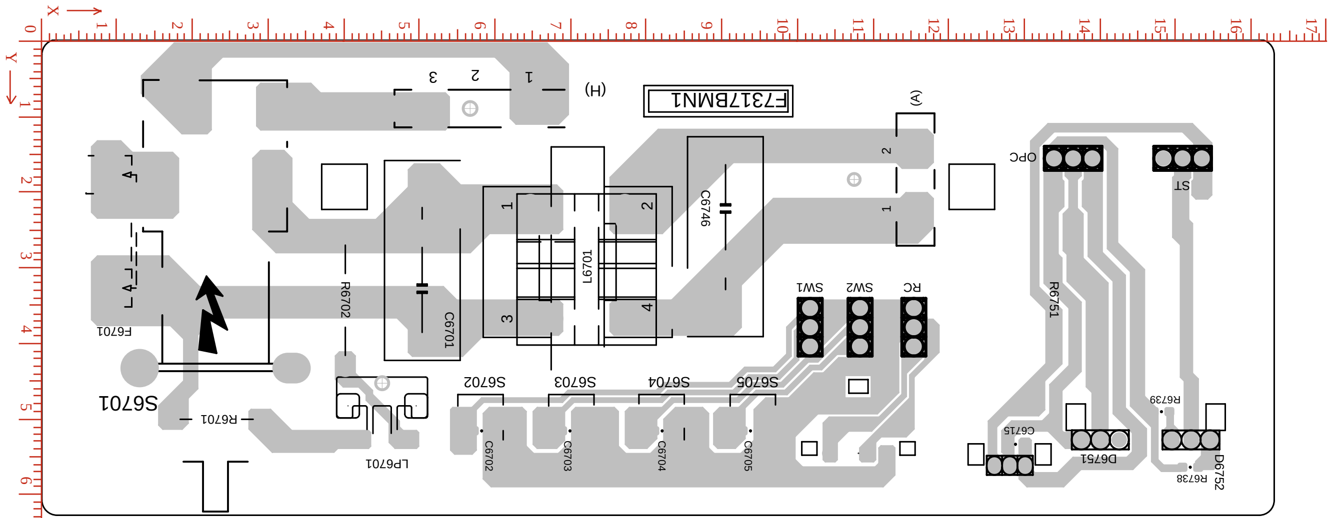


POWER SWITCH UNIT PRINTED WIRING BOARDS (F7317N1).

This PWB version includes the Line Filter unit.

Component side.





Copper side.

3.3V POWER SUPPLY UNIT PWB (F7334N0) PARTS LOCATION TABLES.

Component Side.

Ref No	Xum	Yum
(K)	17780	8382
(K).	22834	8382
(VD)	28702	29210
C7001	30480	17780
C7002	5588	7620
D7001	13208	25908
Q7001	21336	25908
Q7002	6096	25908
R7001	12700	17018
R7002	15748	25908
R7003	10668	25908
R7004	14224	14224

Copper side.

No parts.

FRONT A/V UNIT PWB (F7318N0A) PARTS LOCATION TABLES.

Component Side.

Ref No	Xum	Yum
(CC)	60426	14224
(FV)	49504	14224
(J)	82270	11734
(SS)	32232	14224
CN4	79984	40005
J401	63500	40005
L317	74955	18084
L318	21564	20574
R449	50266	22860

Copper side

Ref No	Xum	Yum
C336	79730	34290
C337	78460	25654
C428	19786	25908
C429	29438	25908
JF1	53568	27432
JF2	55600	27432
JF3	57886	27432
R316	78460	22098
R317	80492	22098

MOTHER UNIT (F7293N6) PWB PARTS LOCATION TABLES.

Component Side.

Ref No	Xum	Yum
(A)	19558	182118
(AA)	20066	207010
(AV)	166649	12496
(AV).	142494	34620
(CC)	227076	223774
(CV1)	277114	26670
(CW)	8636	157734
(EW)	121920	22860
(F)	104902	72898
(FV)	264668	36322
(FV).	204216	222504
(G)	63754	194310
(G2)	181864	167894
(H)	143764	109728
(H).	158242	204216
(HD)	235204	222758
(K)	222504	71628
(K).	130048	180848
(L2)	314960	6858
(L3)	172466	203708
(L6)	24892	168656
(MO)	134874	18542
(PW)	9652	137414
(RGB).	236474	18542
(RT)	257606	188163
(S)	319786	221996
(SA)	316230	161798
(SB)	316230	188976
(SC)	258318	128524
(SS)	178308	233680
(STB1)	255473	153466
(STB2)	97790	204470
(STB3)	244348	143510
(STB4)	236651	178231
(VS)	216916	212852
AV	249428	33274
C1	24892	122428
C1001	271272	148082
C1027	233426	200152
C1031	303784	153416
C1032	243078	199644
C1807	142748	199136
C1811	157480	190500
C1812	167640	182880
C1814	188976	166116
C1823	134366	199136
C1824	155956	182880
C1825	157988	198374
C1826	169672	198374
C204	317246	45720

Ref No	Xum	Yum
C205	317500	51562
C206	307340	81026
C209	317500	39116
C210	313436	107696
C211	301752	82042
C215	292608	24638
C218	293624	9906
C219	314452	79502
C220	292608	84328
C228	310896	61722
C229	291338	51816
C305	255016	120904
C306	249174	120142
C311	272034	114554
C313	279146	116078
C314	283972	113030
C315	289560	116840
C322	290322	109982
C323	294386	109982
C324	299974	109220
C325	304038	109220
C326	301752	116586
C329	307848	114046
C332	299974	144526
C341	234696	218440
C342	258572	114554
C343	264668	114808
C351	273812	220980
C352	267716	220472
C353	292100	237998
C356	258318	230632
C358	272288	230378
C361	314198	228854
C362	267716	232156
C363	305054	228600
C365	266954	208280
C368	289306	219456
C370	300228	197358
C372	272034	213360
C373	300482	219456
C376	316738	212090
C377	317500	205486
C378	305816	213614
C381	258318	235458
C382	294640	197358
C415	211074	22606
C422	266446	25654
C426	278384	19050
C430	171704	222504
C431	181356	222504

Ref No	Xum	Yum
C433	256794	33528
C437	274828	42926
C501	159766	145796
C504	143002	115824
C509	133350	124714
C511	167132	141478
C514	174498	69596
C520	179832	107188
C524	176784	141478
C526	154686	76581
C528	133604	46736
C536	178816	148590
C601	100330	49784
C607	73914	91440
C610	121920	53340
C611	102616	33274
C611A	100330	35052
C613	147066	68072
C615	168656	79502
C616	141224	129286
C618	81280	33274
C619	139192	51054
C620	137414	58928
C631	118618	81026
C632	100076	7620
C634	78486	45974
C637	69850	30226
C638	94234	9652
C641	87122	33274
C642	84582	39370
C644	178816	91440
C648	78740	22352
C651	113284	60706
C652	104648	42164
C701	37338	215138
C702	62738	189484
C703	10922	172212
C704	48768	170942
C705	24892	122428
C706	76454	223520
C707	98806	230632
C710	33782	158496
C711	45466	145796
C713	35814	146304
C714	33274	106680
C718	118872	193040
C719	123952	210566
C720	124206	111506
C721	116332	166624
C723	146304	149606

Ref No	Xum	Yum
C724	90678	209296
C739	87376	198120
C745	63754	198628
C746	37846	173990
C770	101092	186944
C802	205232	72390
C804	218694	66548
C812	246634	72390
C815	226822	97790
C818	252476	69596
C820	282194	75946
C821	287274	34290
C822	258572	69088
C825	227584	66548
CF202	313944	85090
CF701	96266	220218
CN3	232994	241985
D1001	130301	229997
D1002	142290	229997
D1809	173736	189484
D1813	158496	175514
D1814	158242	172466
D1815	158242	179070
D510	186944	104394
D516	120396	23368
D603	98806	58674
D604	103378	42164
D605	99314	59944
D606	125984	93218
D608	66802	30226
D609	91440	11938
D610	140208	92964
D611	99568	104394
D612	88646	90932
D613	128016	60706
D621	102616	95504
D622	188976	91694
D623	166878	63754
D701	13462	175514
D702	14478	167640
D703	48006	162560
D704	37592	166878
D707	62738	185166
D708	64770	198628
D711	54610	142240
D712	25908	136906
D714	117856	142494
D716	64516	153670
D718	96012	160274
D719	97536	139954

Ref No	Xum	Yum
D720	110490	120904
D722	100838	121412
D731	8636	213614
D734	27940	214376
D735	118872	124714
D803	188976	61722
F701	35306	192024
F702	169926	212344
FB1	35306	52832
FB1002	117602	227076
FB301	183642	37338
FB302	204978	20574
FB303	253492	24638
FB501	148590	125730
FB601	110490	58674
FB603	104521	86106
FB701	10414	107442
FB702	50038	142240
FB703	93980	124206
FB704	99822	108712
FB705	110490	147828
IC1002	287020	176530
IC1005	286512	157988
IC1008	118110	239471
IC1801	148082	182118
IC203	294640	33528
IC2401	214122	180594
IC2402	214376	197612
IC301	287274	230378
IC302	288544	212852
IC304	246888	227838
IC305	291338	129794
IC501	159258	133350
IC701	82804	209550
IC703	107188	204470
IC704	107188	212344
IC705	77470	156464
IC706	89408	159512
IC801	236728	85090
J10	96774	216916
J100	100838	138684
J101	140462	133858
J106	203962	144018
J113	216916	128524
J114	219202	128524
J115	221488	128524
J116	233172	145796
J117	242316	193548
J118	235966	136144
J119	235966	134112

Ref No	Xum	Yum
J12	230124	214630
J120	257810	138938
J121	255778	144526
J122	255778	142240
J125	264922	129032
J127	272796	129794
J128	307340	129794
J129	314198	129794
J13	230124	212344
J130	318262	131063
J131	320802	131063
J133	118364	128270
J134	118364	121412
J136	182880	124968
J137	183388	122428
J138	194056	127000
J139	198628	132588
J14	230124	210058
J140	235966	132080
J141	236982	128524
J142	236982	126238
J143	236982	123952
J144	236982	121666
J145	268986	127762
J146	281432	126492
J147	283972	126492
J150	205740	107696
J151	220980	105156
J152	232410	108204
J153	236982	119380
J154	236982	117094
J155	236982	114808
J156	236220	111760
J157	289306	98806
J158	245872	104902
J159	248412	105156
J160	257556	103886
J161	259842	103886
J162	262127	103886
J163	267462	102870
J164	269748	100584
J165	272542	100584
J166	274828	100584
J167	277622	100584
J168	279908	100584
J169	297180	109220
J17	89408	202946
J170	318008	107442
J171	93218	90170
J172	131572	93218

MOTHER UNIT (F7293N6) PWB PARTS LOCATION TABLES.

Component Side.

Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum
J173	134112	93218	J250	205486	37846	J358	157988	55118	J95	233426	157734	JL26	256540	60706	Q602	97282	100330
J174	155194	91948	J251	215392	54102	J359	171958	131826	J99	114808	179832	JL27	245110	59436	Q605	90170	79248
J175	157480	91948	J252	220218	37338	J362	157734	200914	JF1	82042	85090	JL28	258064	62484	Q701	45720	128016
J176	159766	91948	J253	240284	50800	J363	142494	205486	JF10	135636	77470	JL31	179705	59436	Q701A1	45720	128016
J177	162052	91948	J255	240284	48514	J366	113284	20066	JF14	289229	96266	JL31.	175514	86614	Q711	151384	220726
J178	166624	91948	J260	269494	32258	J39	242316	195834	JF19	309118	98044	JL6	262890	224790	Q912	129794	199644
J179	171704	91948	J265	194310	32765	J4	84074	215138	JF28	131318	143510	JL6.	271018	141732	R1008	219456	145034
J180	178308	97282	J266	196850	32765	J40	243840	191262	JF29	54102	174752	JL7	239268	163068	R1018	261873	150368
J183	186690	91440	J269	241554	41656	J401	216458	237998	JF31	214630	145034	JL7.	201168	63754	R1019	257810	133858
J185	191262	91440	J27	253492	208026	J41	243840	188976	JF32	203962	129286	L1801	167386	191262	R1020	257810	136398
J187	205740	105156	J270	241554	39116	J42	243840	184404	JF33	206502	129286	L201	313944	88900	R1022	261873	147320
J189	312166	98044	J271	287020	38354	J43	260857	192532	JF34	209042	129286	L203	289179	16764	R1027	232664	204216
J190	182372	83566	J274	264414	19558	J44	266192	191770	JF35	211582	129286	L2401	203962	152400	R1036	129794	220980
J191	211836	89154	J275	290576	19558	J45	268478	191770	JF40	178562	115316	L2402	203962	149352	R1047	275590	191770
J192	211836	86614	J278	290322	9906	J46	270764	191770	JF48	128016	124460	L301	288036	142240	R1050	278130	191770
J193	211836	84074	J28	241681	186690	J47	288544	192278	JF50	89916	23114	L315	253746	210566	R1055	273050	191770
J194	211836	81534	J280	209550	35814	J48	280924	192278	JF51	102870	26670	L316	253746	205486	R1058	248920	132334
J198	238506	83312	J284	14224	139700	J49	283464	192278	JF53	53594	211836	L317	265938	240792	R1059	251460	132029
J199	248920	83312	J288	166370	69596	J5	117602	225806	JF54	66802	211836	L318	192786	223012	R1801	132080	169418
J200	257810	88900	J297	228600	151892	J50	286004	192278	JF55	113792	93218	L350	257556	219456	R1831	158242	166116
J201	257810	84328	J30	303022	205740	J6	120142	225806	JF56	87884	75692	L351	257556	215392	R1832	168402	170180
J202	276098	87884	J300	166370	67056	J60	217170	175006	JF57	84328	73152	L352	303530	237744	R1833	158242	169164
J203	276098	83312	J301	312928	32258	J61	230632	167894	JF6	297942	89154	L353	312674	219710	R1834	173482	170180
J206	289306	93980	J303	252984	101346	J62	232664	171704	JF61	31242	237236	L501	163322	116586	R1835	158242	163068
J207	77978	71374	J304	253746	161544	J63	280162	177546	JF63	136906	193040	L502	150876	140716	R1836	191008	158750
J208	139446	80010	J305	307848	193294	J64	296418	176530	JF64	136906	190754	L503	169164	91948	R229	224028	124460
J209	139446	77470	J306	64262	18288	J67	64008	162814	JF65	139192	180086	L603	123698	33782	R230	232664	104902
J210	139446	74930	J307	272034	85598	J68	64008	160274	JF66	133350	162052	L603A	123698	33782	R231	289306	42418
J211	166116	73406	J309	257810	86614	J69	92202	163322	JF8	68580	6350	L604	81788	13208	R232	316738	25908
J212	182372	78486	J31	305562	193294	J71	214630	160528	JF9	68580	8890	L604A	80772	12700	R233	316738	23368
J214	193548	70866	J311	230886	138684	J72	230632	163322	JL1	141224	19812	L605	100076	18796	R234	313944	14478
J216	231648	80010	J312	196088	139446	J74	231394	160274	JL1.	237998	197612	L606	105918	86106	R306	308610	148590
J221	271272	72136	J314	282194	59944	J75	230632	165608	JL10	292608	145796	L609	82296	82042	R307	311150	148590
J222	271272	70104	J316	143256	91948	J78	267970	162814	JL10.	201676	77216	L609A	69088	72390	R315	241808	215138
J223	270256	79756	J317	94742	195326	J79	270510	162814	JL11	209804	154940	L611	59436	13462	R359	310642	210058
J224	280416	54864	J318	214630	128524	J8	235712	227330	JL11.	250291	157911	L612	117094	12192	R408	157226	40386
J225	318516	71628	J319	210540	79248	J80	273050	162814	JL11..	236880	160274	L701	60172	211658	R418	240792	34036
J228	188976	59690	J32	310134	193294	J81	275590	162814	JL12	215900	33274	L701A1	59182	212852	R419	220980	27432
J230	188976	57658	J320	103378	138684	J82	278130	162814	JL12,	262382	68072	L702	48768	184912	R420	230378	36576
J231	190754	67056	J321	101600	108712	J83	306070	179324	JL12,,	268224	68072	L703	41656	188468	R424	237998	24638
J232	190754	64516	J322	188976	48006	J85	136398	144526	JL12.	277876	57404	L705	122936	148082	R425	237998	27432
J234	203200	57404	J323	240284	45466	J86	139192	144526	JL14	247142	64262	L801	204978	66548	R426	220980	24638
J236	215392	56388	J326	133858	107188	J87	183134	145542	JL14.	150622	37084	L803	218440	105156	R436	271018	19304
J24	232664	206502	J33	114300	183896	J88	203962	146558	JL17	130555	119634	LP701	38506	235991	R451	202946	37846
J241	271272	68072	J331	257048	42164	J9	235712	225044	JL17.	185420	115824	M1000	98501	240461	R455	188976	50546
J242	271272	66040	J343	222504	59182	J90	221996	145034	JL18	255574	162585	MODUL	215392	48768	R464	257048	44704
J243	269367	62738	J344	64516	232664	J91	217170	145034	JL19	319786	11176	POR70	62738	179578	R501	176022	100838
J246	188976	53340	J347	227838	36576	J92	233426	155194	JL2	265684	185674	Q2	71120	56134	R503	153924	115824
J248	189230	44958	J348	225298	36576	J93	237236	148082	JL2.	168656	60198	Q502	188722	113284	R508	182880	130048
J249	203200	55118	J349	222758	36576	J94	233172	141224	JL2..	234950	62484	Q601	71120	56134	R518	160782	103124

MOTHER UNIT (F7293N6) PWB PARTS LOCATION TABLES.

Component Side

Ref No	Xum	Yum
R519	182372	81026
R526	186944	136652
R530	184150	91440
R533	164338	91948
R534	182880	127508
R536	136652	34798
R541	205740	110236
R550	189484	136652
R553	142494	121920
R563	168148	105156
R603	148336	91948
R606	79248	99314
R608	145796	91948
R609	136906	82804
R610	128778	45974
R611	118364	16510
R611A	117602	15748
R612	84074	75692
R613	131063	60198
R614	72644	23876
R616	151130	92710
R617	82042	94234
R618	205232	113538
R619	125476	131826
R620	224282	144272
R623	122428	93218
R628	141986	104140
R641	129032	93218
R643	135890	117348
R651	69850	17018
R703	20574	234950
R713	14224	107950
R714	36576	105918
R715	21590	157480
R716	25908	139446
R721	20574	229870
R723	64008	157226
R727	133858	144526
R728	114808	176784
R730	23622	103378
R741	75184	167132
R742	96520	174244
R763	65024	171450
R770	74422	191770
R771	81280	184912
R778	20574	240030
R790	78486	230124
R791	78486	232664
R792	96774	224536
R814	229768	59436

Ref No	Xum	Yum
R815	203200	59690
REF10	53695	-4166
REF1A	127000	164592
REF4	238252	166878
S701	20497	247015
S702	48514	238201
S703	60502	238201
S704	72517	238201
S705	84505	238201
SF201	294894	72644
SF202	290322	72644
SF203	296672	61468
T601	33655	51003
T701	74599	127635
TH201	304495	5486
TRC	188569	180492
X1002	245999	154940
X2401	217678	153924
X301	314706	115824
X801	240284	68326

Copper Side

Ref No	Xum	Yum
C1002	275590	143510
C1005	262890	163626
C1014	304800	173482
C1015	120396	235966
C1017	214376	151638
C1018	253746	192532
C1019	242062	150876
C1020	242062	152908
C1021	237286	175056
C1022	243840	156718
C1023	218694	81280
C1024	223774	82296
C1025	219456	84582
C1026	264160	158953
C1028	291922	160477
C1029	291846	173482
C1030	289052	43434
C1033	262890	165531
C1034	242138	179806
C1801	134366	165862
C1805	140208	196850
C1806	142748	199136
C1813	165100	203200
C1815	139446	191770
C1820	135382	188468
C1821	135128	177038
C1822	136144	165862
C1827	137922	202184
C203	317754	63754
C207	303530	59436
C208	304546	56388
C212	299974	45974
C213	299974	50292
C214	302514	38100
C216	306832	27686
C217	306832	21336
C221	315468	59690
C222	307594	59436
C223	300736	8382
C224	297434	7366
C225	296926	13716
C226	314452	95504
C227	316230	95504
C230	289052	55118
C231	316992	77089
C2401	217932	165862
C2402	217932	163830
C2403	215138	185420
C2404	219202	176022
C2405	210058	181864

Ref No	Xum	Yum
C2406	215138	176530
C2407	217170	185420
C2408	211074	208026
C2409	213106	116586
C309	268224	137668
C310	268224	135890
C312	274828	123698
C316	278130	122682
C317	287020	124460
C318	289306	124460
C319	250444	230378
C320	250444	225425
C321	288290	141732
C327	299720	124206
C328	305054	124206
C330	309626	124206
C331	309880	135890
C333	311912	124206
C334	313690	118110
C335	318516	118110
C336	232410	237998
C337	234188	237998
C338	250444	236982
C339	250444	227076
C340	235712	220726
C350	289814	228600
C354	284734	231140
C357	265684	234188
C359	277114	236855
C360	297942	239268
C364	306070	228600
C366	266954	208534
C367	290830	211074
C369	289560	214122
C371	277622	211582
C374	281432	213868
C375	306578	220980
C379	304038	212852
C380	281686	137414
C383	266954	132842
C386	250444	223774
C387	250444	233680
C401	176022	25908
C402	179070	29972
C403	184150	36576
C404	189992	35052
C405	180086	36576
C406	185674	29210
C408	159004	18542
C409	180086	13716

Ref No	Xum	Yum
C410	177800	18288
C411	189230	21590
C412	188214	17272
C413	192532	22606
C414	186182	17272
C416	250952	13462
C417	258064	16764
C418	248920	18288
C419	256286	16764
C420	256286	25146
C421	249174	25146
C427	270256	43434
C428	171196	228600
C429	177800	229870
C432	265176	34036
C434	220726	46482
C435	224282	45720
C436	226822	45720
C438	260349	36576
C439	278384	46482
C440	277114	50800
C441	272542	50800
C442	159766	50800
C443	280924	23622
C444	239776	29210
C445	236220	30226
C446	220726	27940
C447	247396	62484
C451	229362	221488
C502	162814	133858
C503	163068	126746
C505	157226	126492
C506	156718	131572
C507	165608	132080
C508	158242	123952
C510	152908	132842
C512	193040	102108
C513	157988	117856
C515	167132	53594
C516	157988	74168
C517	158648	70866
C518	147320	65531
C521	172212	112776
C522	156718	135382
C523	189738	128016
C525	155752	72034
C527	150876	74676
C529	165608	58674
C530	155956	82804
C531	171196	79502

Ref No	Xum	Yum
C532	169418	118364
C533	172212	52324
C534	158242	122174
C535	174193	46786
C537	142494	69850
C538	143764	65531
C539	152400	79756
C540	162560	107442
C541	255016	97790
C542	213868	97536
C606	193294	86106
C617	226314	97790
C633	97282	98044
C635	144018	100584
C636	183896	119126
C639	96012	81026
C640	92456	77216
C643	217932	167640
C645	155448	63754
C646	154686	58928
C653	90678	101092
C712	44958	118618
C715	36576	104394
C716	65531	155702
C717	66294	159004
C722	113284	141224
C725	64516	233934
C728	81788	205486
C730	49784	235966
C731	60452	236220
C732	72644	236220
C733	83312	235712
C735	118618	144018
C737	73660	167132
C738	33274	149606
C740	118872	169672
C741	120396	144018
C742	124968	149860
C743	106172	150114
C749	81280	176276
C801	213614	77470
C803	221742	78486
C807	230124	63754
C808	233172	65786
C809	228092	87884
C811	252730	77978
C813	243078	80264
C814	240792	80264
C816	237490	96774
C817	252222	70104

MOTHER UNIT (F7293N6) PWB PARTS LOCATION TABLES.

Copper Side.

Ref No	Xum	Yum
C819	279908	44450
C823	224282	105918
C824	207010	74676
C826	215646	62992
D1003	236474	132080
D1004	269240	151638
D1005	303784	159258
D1006	224282	112522
D1007	253492	109728
D1008	251206	109728
D1009	264795	156006
D1010	286512	161544
D1011	249986	153466
D1012	307594	156972
D1804	137160	197104
D1805	132334	200914
D1810	132080	164846
D1811	153162	187706
D1812	145542	198882
D203	308102	12192
D204	314960	56134
D205	317246	99314
D2401	215138	181864
D2402	210820	173482
D2403	210820	168910
D2404	210820	171196
D301	310388	201422
D302	261873	120396
D303	270256	115062
D304	259588	120396
D305	257302	118872
D401	149860	30480
D402	157226	32765
D403	152908	23622
D404	147066	18796
D405	215392	20066
D406	221742	23368
D407	241300	22860
D408	235458	22860
D409	229870	25146
D410	223774	18288
D411	232664	13462
D412	206756	37592
D413	204216	37592
D414	197104	24130
D415	166624	25908
D416	197866	17780
D417	220472	12192
D418	278892	40132
D419	280924	34036

Ref No	Xum	Yum
D420	162306	13208
D421	153416	13208
D422	168656	32004
D423	189738	27686
D424	189738	29972
D425	176022	32004
D426	224536	229743
D502	139446	56642
D503	138938	61214
D504	139446	54356
D506	150622	70866
D507	193167	106172
D508	184658	106172
D509	132588	119126
D515	152654	70866
D601	175006	75438
D614	77216	100838
D615	221996	105156
D617	226060	101346
D618	219456	151892
D619	103632	83566
D620	97028	83058
D624	29718	73660
D625	74676	12446
D706	83058	212852
D710	93726	211582
D713	36068	139700
D715	69088	149352
D721	138684	144526
D724	155702	233172
D725	157734	224536
D726	84328	146304
D727	70866	131826
D728	72898	165354
D729	82296	184150
D730	35814	147828
D732	82296	200914
D733	87376	198628
D801	259842	87122
D802	257302	87122
D804	207264	65531
FB1001	242062	146558
FB801	237490	65531
FB802	246126	80264
IC1001	250190	172212
IC1003	275844	148844
IC1004	298958	153162
IC1006	291338	150876
IC1007	283464	148844
IC201	307340	70104

Ref No	Xum	Yum
IC202	302768	97282
IC401	273558	32258
IC502	163576	116332
IC503	161544	79502
IC702	85344	222504
IC707	113030	156972
IC708	74422	173228
J126	267716	141986
J2	258064	236474
J218	234950	71374
J219	236982	71374
J220	234950	65786
J240	244094	68580
J279	308356	9906
J281	160274	133858
J283	293878	179578
J286	290830	100076
J289	296926	55118
J294	236982	128778
J302	234746	172720
J310	234696	156718
J313	104394	239522
J324	247904	69088
J325	247904	67310
J332	209296	72136
J335	238760	128778
J336	246888	155448
J338	257175	143941
J339	255270	143941
J340	93472	200152
J341	319278	185420
J342	319278	183388
J345	209296	229108
J350	234188	217678
J351	319532	193040
J352	319024	189484
J353	278384	131318
J354	316992	99822
J356	288290	32512
J360	233172	212598
J361	231394	212598
J365	113792	219202
J51	320802	189484
J65	299720	170942
J701	93726	138938
J98	268986	146304
JF1001	37592	18796
JF1002	39370	18796
JF1003	41148	18796
JF1004	42926	18796

Ref No	Xum	Yum
JF1005	44704	18796
JF1006	46482	18796
JF1007	48260	18796
JF1008	50038	18796
JF11	285750	23876
JF12	280924	28194
JF15	104140	83566
JF16	103886	88392
JF2	300990	32512
JF20	211074	226060
JF21	207518	226060
JF22	209296	226060
JF24	108458	99466
JF3	300990	30480
JF30	212598	147320
JF37	275082	37592
JF38	216408	45212
JF39	212852	45466
JF4	308356	44450
JF41	186690	104140
JF44	237490	65531
JF46	147066	223266
JF47	132842	226568
JF5	294894	64770
JF52	319532	194818
JF60	283616	29718
JF62	152908	185166
JF7	302006	124206
L1802	153162	187706
L202	309372	41656
L204	311150	61214
L205	307340	48514
L601	29972	77470
Q1001	227330	191516
Q1002	126238	234696
Q1003	141478	222250
Q1004	309118	163068
Q1005	237490	150622
Q1006	253492	204978
Q1007	254203	184785
Q201	252730	37084
Q207	299974	42926
Q208	299974	88138
Q209	286766	9398
Q210	286766	51816
Q2401	216408	116586
Q302	314960	201930
Q303	319278	200406
Q304	306832	200660
Q305	257810	224790

Ref No	Xum	Yum
Q306	259080	216408
Q403	264668	45466
Q404	164338	37592
Q405	172974	37338
Q406	201422	28194
Q408	284988	29718
Q501	176022	69596
Q503	182118	80518
Q505	192532	123698
Q506	147828	60960
Q507	188214	119126
Q603	108458	100838
Q604	102616	97282
Q606	183896	122174
Q607	275336	180848
Q608	218948	157226
Q702	27432	138684
Q703	28448	144780
Q708	68580	229362
Q709	74168	206248
Q710	154686	227838
Q712	150368	227584
Q714	91186	231394
Q715	81280	191008
Q717	90424	189992
Q801	213868	100838
Q802	234442	54356
Q803	236474	59182
Q804	218948	62484
Q805	212344	62738
Q901	134620	172212
Q902	143764	165862
Q903	147574	160528
Q904	135382	183642
Q905	139954	174498
Q906	141478	170434
Q907	133604	191770
Q908	139446	188722
Q909	140462	182372
Q913	146558	198374
R1	84836	157480
R1001	297942	160020
R1002	299720	160020
R1003	229616	212598
R1004	257810	105918
R1005	272542	154940
R1012	117094	237236
R1017	116078	217170
R1021	312420	197358
R1023	251714	142748

Ref No	Xum	Yum
R1024	283972	172466
R1025	304800	176530
R1026	240030	198755
R1028	221488	87884
R1029	210058	166878
R1030	211328	176784
R1031	209042	176784
R1032	236982	134620
R1033	236982	156718
R1035	233426	191262
R1037	137668	222250
R1038	139700	233426
R1039	144780	233426
R1040	130301	233426
R1041	241300	160274
R1042	252984	189484
R1043	261823	188391
R1044	296164	160020
R1045	268986	180848
R1046	262255	167436
R1048	114046	199898
R1049	263652	184404
R1051	287020	43434
R1052	291084	43434
R1053	255270	189484
R1054	231648	147574
R1056	303784	163144
R1057	257810	184353
R1060	233426	189230
R1061	218440	146304
R1802	138176	165862
R1803	141732	162560
R1804	139954	165862
R1805	143002	159512
R1806	146558	184404
R1807	139700	177800
R1808	138430	170434
R1809	139700	179578
R1810	135128	175260
R1811	150876	191262
R1812	139446	193548
R1813	140208	185420
R1814	136398	192024
R1815	135382	186690
R1816	150876	193040
R1830	132080	195834
R1837	168148	180848
R1839	165100	204978
R1841	139954	201676
R1842	136144	202184

MOTHER UNIT (F7293N6) PWB PARTS LOCATION TABLES.

Copper Side.

Ref No	Xum	Yum
R1843	150876	195072
R1844	146050	195072
R203	256032	37084
R204	306578	87630
R205	315722	82804
R208	290322	95758
R209	290322	97536
R210	318516	95504
R211	297688	100838
R215	320802	95504
R216	316992	51816
R217	311404	81788
R218	315976	15748
R219	309372	38608
R220	310388	52832
R225	295910	45720
R226	294894	55118
R227	299974	52070
R228	299974	48514
R235	308356	17526
R236	308356	14224
R237	304800	83312
R238	304800	87630
R239	237236	111506
R240	313944	48514
R2401	219202	185420
R2402	211836	164592
R2403	217170	113538
R2404	211328	116586
R2405	210058	179832
R2406	211836	162814
R2407	229870	143510
R2408	219202	180594
R2409	210058	157734
R241	300736	10160
R2410	200914	152146
R2411	202692	152146
R2412	204470	152146
R242	296672	10414
R243	287020	12446
R244	287020	14224
R245	291338	40386
R246	319278	56896
R247	310642	77470
R248	283464	9652
R249	318262	48514
R251	281686	9652
R252	287020	6350
R253	290322	93980
R254	294386	49276

Ref No	Xum	Yum
R255	291338	51562
R256	296164	49276
R257	286004	57150
R258	287274	48006
R259	313944	88900
R301	246888	117094
R302	251460	116840
R303	251460	121412
R304	246888	121412
R308	250444	235331
R309	241300	231140
R310	250444	232029
R311	250444	228727
R312	244221	219710
R313	250444	222123
R314	245110	216662
R316	235458	225806
R317	235458	227584
R318	276606	111252
R319	261619	116586
R320	265176	114554
R321	302006	106426
R322	306070	106172
R323	292354	106680
R350	255016	216662
R351	257556	227838
R352	280416	232156
R353	292354	240538
R354	254254	212090
R355	256540	212090
R356	284988	214376
R357	310388	217678
R358	318770	208280
R360	308356	204724
R361	319278	203454
R362	257556	221742
R363	257556	219964
R372	297942	194818
R373	251206	211328
R374	271780	213614
R375	269494	232410
R376	280416	142494
R377	261873	233172
R378	297434	199898
R401	147320	26670
R402	159258	36322
R403	172974	30480
R404	182118	36576
R405	189992	33274
R406	186182	36576

Ref No	Xum	Yum
R407	146812	14478
R409	160782	23622
R410	210312	34798
R411	204978	18034
R412	175768	13716
R413	182626	23114
R414	185166	13716
R415	189230	23622
R416	212090	34798
R417	216408	14732
R421	223774	26924
R422	236474	26162
R423	239268	26162
R427	229616	18288
R428	246634	13462
R429	256032	13462
R430	254508	25146
R431	250952	25146
R432	258064	25146
R433	252730	25146
R434	169418	37338
R435	161036	36322
R437	267970	45466
R445	271907	39370
R447	169418	225806
R448	181102	223520
R449	265684	39370
R450	167386	37338
R452	201930	38862
R453	170180	23876
R454	212598	41402
R456	200406	42926
R457	170180	25654
R458	285750	21844
R459	279908	18542
R460	204978	20574
R461	285750	25908
R462	214630	14732
R463	254000	40132
R465	279146	38100
R466	282702	23622
R467	278892	40386
R468	287274	39116
R469	251206	32512
R470	256540	66548
R472	223266	227330
R502	165862	107950
R504	182626	111760
R505	190246	110744
R506	190500	106172

Ref No	Xum	Yum
R507	193040	98552
R509	159766	145542
R510	163068	124968
R511	163068	123190
R512	167132	110998
R513	157988	119634
R514	193294	128016
R515	175006	125476
R516	167894	107950
R517	193040	100330
R520	154940	75692
R521	178308	72644
R522	169164	53594
R524	150622	65531
R525	143510	61214
R527	148590	71374
R528	191516	119126
R532	171704	77470
R535	174244	120650
R537	155956	79756
R538	154178	79756
R539	143510	115062
R540	157226	102108
R542	246380	87884
R544	168402	123190
R545	169164	113030
R547	191262	116078
R548	191516	128016
R549	169164	114808
R551	171196	118364
R552	168656	56896
R554	186436	142748
R555	146050	69850
R556	145542	65531
R557	144272	69850
R558	141986	65531
R559	146812	73914
R560	157734	79756
R561	162560	110998
R562	162560	109220
R601	104140	100838
R605	136906	100838
R607	141986	103378
R615	117094	12446
R622	244094	87884
R625	29972	80772
R626	271145	178866
R627	24384	79248
R634	103378	94234
R642	131318	107442

Ref No	Xum	Yum
R644	217932	169418
R646	156464	58928
R647	158496	63246
R648	159512	61468
R706	105410	145542
R707	116332	169672
R708	77978	206248
R711	95250	203708
R712	93980	206756
R717	39370	129032
R718	22606	106680
R719	33274	142748
R720	27432	135636
R722	66802	150114
R724	84963	157480
R732	81788	207264
R733	75946	217932
R735	72136	225806
R736	75184	210566
R737	61468	232664
R738	67564	232664
R739	75692	212852
R740	83058	214884
R743	122936	172466
R744	97028	161036
R745	87884	153670
R746	87884	151892
R747	129032	149098
R748	118364	164338
R749	83566	151892
R750	94488	158750
R751	150622	232410
R752	158496	220472
R754	152908	224536
R755	150622	230632
R758	157734	229616
R762	71120	137922
R765	100330	161036
R766	99822	165608
R767	93218	235966
R768	70358	144780
R769	58166	183134
R774	72898	180848
R775	81026	181102
R776	92456	193294
R777	77978	202184
R787	71882	229362
R788	86614	231648
R789	86614	233426
R801	204470	71882

Ref No	Xum	Yum
R802	228854	69850
R803	223774	87884
R804	225806	87884
R805	230124	87884
R806	241046	68072
R807	242570	98552
R808	219456	105156
R809	202184	73660
R810	216916	105156
R811	231140	54356
R812	243078	64516
R813	240030	62484
R816	211074	59690
R817	214376	58674
R818	207518	61722
T702	56896	173228

CRT MODULE UNIT PWB (F7269N3) PARTS LOCATION TABLES.

Component Side.

Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum	Ref No	Xum	Yum
(B)	136906	10922	C892	34544	112268	JF3	25654	97028	R5432	151384	35560	R893	73152	87884
(MO)	93726	10922	C893	37846	41656	JF4	10414	44958	R5433	150114	20320	R894	64516	43434
(Q)	71374	11176	C894	94996	70866	JF5	25654	74930	R5434	151384	33020	R895	55626	102108
(RT)	61214	49784	C895	76454	91440	JF6	10414	42418	R5435	151384	38100	R897	45720	39370
C1608	75438	29718	D1607	127254	25146	JF7	28956	31242	R5436	120650	88646	REF1	44450	1524
C1609	133350	19304	D5403	157226	59182	JF8	150114	15240	R5437	121158	74930	REF4	8382	-2794
C1610	107188	30226	D5404	135636	104394	L1603	66548	53848	R5438	25654	94488	SC861	87299	54914
C1611	116586	21336	D5405	143764	74676	L5	71628	38354	R5439	31750	112268	SG860	68580	69088
C1612	90170	23876	D5408	139954	32512	L863	102362	105918	R5440	34544	41910	SG861	81280	80772
C1613	106426	10414	D5409	139954	35052	L864	124968	55118	R5441	100330	75946	SG862	76708	40132
C1614	96520	21590	D5410	122174	109220	P5401	154432	76962	R5442	139954	49022	SG863	71120	54279
C5405	156972	26924	D5411	117602	99314	P661	7620	73152	R5443	139954	52578	SG864	69342	75946
C5407	139954	40132	D851	29210	15748	P662	108204	115570	R5444	150114	49022	SG865	91694	81280
C5408	139446	59182	D852	24384	8382	Q1603	116840	10160	R5445	150114	52578			
C5409	147066	59182	D861	54102	72898	Q1604	127508	10668	R5446	153924	94234			
C5410	122174	112268	D862	92456	99060	Q5405	139954	43942	R5447	156972	17526			
C5411	152146	59182	D863	63500	33274	Q5406	150114	43942	R5448	81280	20574			
C5414	152146	112014	D864	27686	38100	Q5407	128905	97790	R5449	74930	23114			
C5416	150114	22860	D865	45720	46736	Q5408	140970	68249	R850	50546	69342			
C5417	140716	94234	D866	67818	102108	Q5410	150114	11176	R851	78740	102108			
C5418	128270	77470	D867	49530	31750	Q5411	139954	27940	R852	60198	31750			
C5419	120396	84582	D868	50038	83312	Q5412	150114	27940	R853	36322	15748			
C5420	141478	112014	D869	47498	83312	Q5414	118364	94488	R854	18288	91440			
C5421	146050	81026	D870	104140	73406	Q5415	76454	16002	R855	33020	81534			
C5422	154686	59182	D871	84328	11938	Q851	33274	7620	R856	39878	13970			
C5424	149352	100076	FB850	43688	73660	Q852	22352	81534	R857	25654	88900			
C5425	80772	11430	FB851	92202	112776	Q853	29464	81534	R858	37338	68580			
C5426	67056	17272	FB852	53340	37084	Q854	53340	94284	R859	33782	15748			
C850	113792	76962	IC1601	103378	22606	Q855	37592	81534	R860	34798	68580			
C851	17272	101600	IC850	37338	60706	Q856	15494	112268	R861	64262	102108			
C852	20320	21590	IC851	69596	110236	Q857	25654	104902	R862	27686	44196			
C853	14986	11430	IC852	47498	23622	Q858	34544	102870	R863	32258	68580			
C854	36576	88900	J1	25654	52324	Q859	8382	31750	R864	23114	112268			
C855	28702	112268	J10	33274	31242	Q860	19050	30734	R865	27686	40640			
C856	16510	21590	J11	118364	53848	Q861	26162	30988	R866	41910	31750			
C857	12700	21590	J12	15240	69342	R1615	117094	24130	R867	37338	112268			
C859	10160	112268	J13	61468	102108	R1616	117602	26670	R868	51308	112776			
C861	29718	68580	J14	45720	42672	R1617	124714	25146	R869	25654	112268			
C862	51308	115824	J15	68834	7874	R1618	117602	29210	R870	39878	112268			
C863	55626	88392	J16	87884	18288	R1619	78740	34036	R871	119126	38100			
C865	38862	31750	J17	9906	21590	R1620	70104	29464	R872	33528	52578			
C868	102362	87884	J18	8890	52324	R1621	94996	15240	R873	42418	112268			
C869	76200	80010	J19	106680	97536	R1622	133350	15494	R874	14986	31750			
C871	30226	52578	J20	109982	22606	R1623	118872	14732	R875	65531	115570			
C874	58674	102108	J21	104140	70866	R1624	120142	18542	R876	49784	10922			
C877	43434	13462	J23	93218	95758	R1801	15240	65531	R880	45466	50038			
C880	43434	54356	J24	102362	104648	R5415	125984	98298	R881	35814	31750			
C881	47244	69342	J25	133604	24384	R5416	136906	59182	R882	12446	31750			
C882	72136	102108	J3	15240	71882	R5417	141986	59182	R883	85090	116332			
C883	75438	102108	J4	15240	62865	R5418	144526	59182	R884	55118	14478			
C884	54864	18796	J5	52324	7112	R5419	149606	59182	R885	22352	30734			
C885	57150	31750	J6	52832	102108	R5420	130555	108458	R886	44450	31750			
C887	19558	42672	J7	27178	68580	R5421	136906	83312	R887	58166	72898			
C888	25654	100584	J8	23114	52324	R5424	148082	87630	R888	65531	64008			
C889	19812	112268	J9	61214	82042	R5425	125476	116332	R889	82042	100330			
C890	139954	37592	JF1	101600	78486	R5427	151384	40640	R891	86360	85344			
C891	36576	94488	JF2	10922	94488	R5431	150114	17780	R892	66802	31496			

Copper side

No parts.

DIGITAL MODULE UNIT PWB (F7308N2A) PARTS LOCATION TABLES.

Component Side Copper side

Ref No	Xum	Yum
(KA)	115620	52527
(PW)	99618	52527
(RGB)	138963	52527
(SEL)	84074	52527
(VD)	146024	32410
(YA)	23495	8686
(YB)	75768	8686
(YC)	125730	8686
C6026	7035	49098
C6030	2921	33782
C6033	26466	52755
C6034	140995	39497
C6035	23723	24409
C6050	110134	34467
C6067	132537	24638
C6068	114477	18465
C6069	140309	31953
C6075	137337	48412
C6091	6578	41097
C6093	44297	35153
C6094	65100	47269
C6106	61671	20294
C6113	45440	43840
C6116	46355	24409
C6125	75615	47269
C6126	85674	48183
C6137	75615	19151
C6140	143738	20294
C6144	84988	19151
C6145	93675	16408
C6147	103733	16738
IC6002	95275	33324
IC6003	124993	39497
Q6005	148082	52070
X6001	15494	52755
X6002	113334	24409
X6003	111277	44754
X6004	54584	47040

Ref No	Xum	Yum
C6001	8636	5435
C6002	7035	5435
C6003	13665	5435
C6004	6578	12065
C6005	6578	10236
C6006	10464	12065
C6007	6578	16357
C6008	6578	14579
C6009	16637	12065
C6010	10922	18364
C6011	10922	16687
C6012	20523	12065
C6013	29667	15036
C6014	35839	5435
C6017	20980	50241
C6018	26695	46126
C6019	34925	46126
C6020	14122	47955
C6021	15951	47955
C6022	24866	46126
C6023	12293	43611
C6024	14122	43611
C6025	15951	43611
C6027	8407	45897
C6028	7721	36525
C6029	9779	36525
C6031	26695	36068
C6032	26695	37896
C6036	24180	34239
C6037	21209	31267
C6038	23037	31267
C6039	24866	31267
C6040	10795	30581
C6041	14351	34467
C6042	16179	34467
C6043	18008	34467
C6044	36525	39725
C6045	81559	21209
C6046	103276	37211
C6047	100533	40640
C6048	98018	33324
C6049	98018	31496
C6051	108305	23495
C6052	113334	23952
C6053	103276	24638
C6054	98933	21666
C6055	100761	21666
C6056	96647	41097
C6057	35839	34696
C6058	92075	40640
C6059	92303	35153
C6060	92303	33324
C6061	92303	31496
C6062	92303	29667
C6063	87045	24638
C6064	138938	42926
C6065	140766	42926
C6066	148082	42926
C6070	132537	41097
C6071	113334	39725
C6072	117678	43383
C6073	117678	45212
C6074	117678	47269
C6076	128422	47726
C6077	130708	55041

Ref No	Xum	Yum
C6078	130708	52984
C6079	130708	50927
C6081	121335	55727
C6090	98018	29667
C6092	11607	36525
C6095	55956	40868
C6096	52070	40868
C6097	53898	40868
C6098	64998	44297
C6099	63271	44297
C6100	66725	44297
C6101	71272	35610
C6102	73101	29667
C6103	69443	32867
C6104	67843	32867
C6105	60071	24638
C6107	63500	23495
C6108	65328	23495
C6109	67157	23495
C6110	48412	36982
C6111	50241	36982
C6112	52070	36982
C6114	47498	43154
C6115	56642	31267
C6117	46355	24409
C6118	50241	19151
C6119	52070	19151
C6120	53898	19151
C6121	18008	30581
C6122	15722	30581
C6123	13436	30581
C6127	58470	31267
C6128	51384	32410
C6129	52984	32410
C6130	78130	31038
C6131	79959	31038
C6132	41097	34239
C6133	41097	32410
C6134	47726	32410
C6135	49326	32410
C6136	65328	49098
C6141	125222	23952
C6142	138938	34239
C6148	75158	46812
C6149	70815	50241
C6150	104876	55727
C6151	108534	55727
C6152	29895	26695
C6153	71043	17094
C6154	123164	41325
C6155	148082	32410
C6156	113334	48641
C6157	78359	24638
C6158	81102	22580
C6159	38354	30810
C6160	40182	30810
C6201	12065	5435
C6202	15951	5435
C6203	20980	5435
C6204	23952	5435
C6205	31724	5435
C6206	33553	5435
C6207	65557	5435
C6208	67386	5435
C6209	69443	5435

Ref No	Xum	Yum
C6210	71501	5435
C6211	73329	5435
C6212	77673	5435
C6213	83616	6807
C6214	89560	6578
C6215	111048	7035
C6216	114249	5207
C6217	127965	4521
C6218	118821	6807
C6219	118821	4978
C6220	123621	4978
C6221	141681	11836
C6222	122478	12065
C6223	133908	12065
C6224	135966	11836
C6225	139852	7035
C6226	139166	55727
C6227	137337	55727
C6228	135509	55727
C6229	117678	55727
C6230	115849	55727
C6231	114020	55727
C6232	112191	55727
C6233	110363	55727
C6234	124993	55727
C6235	123164	55727
C6236	79273	10464
D6001	132765	31953
D6002	138709	18237
D6003	126365	39725
D6004	126365	45212
D6006	145110	55041
D6009	132080	47269
D6011	136423	18237
D6012	131851	14808
D6015	123621	48412
FB6201	52755	4978
FB6202	82016	4064
FB6203	95504	7264
FB6204	106019	6121
FB6205	106019	9093
FB6206	120650	11836
FB6207	110363	31724
IC6001	24409	38125
IC6004	61899	32867
IC6008	78130	39268
JF1	75615	47269
JF2	85674	48183
JF3	117678	49098
JF4	120650	47955
JF5	23952	43154
JF6	48183	47726
JF7	98018	35153
JF8	49784	14579
L6001	32410	45440
L6002	20294	44754
L6004	32410	40411
L6005	83159	13208
L6006	104648	31953
L6007	126593	32181
L6008	59156	8636
L6009	29210	45440
L6010	16637	39725
L6011	87045	13208
L6012	25323	40411

Ref No	Xum	Yum
L6013	59156	11836
L6014	64185	13893
L6015	67614	13893
L6016	117221	34696
L6017	32181	37211
L6018	127736	53670
L6019	58928	39039
L6020	61899	39039
L6021	64871	39039
L6022	67843	39039
L6023	60756	31953
L6024	63728	31953
L6025	73558	32181
Q6008	117449	11836
Q6021	127965	12979
Q6022	26924	5207
R6001	10236	5435
R6002	14351	12065
R6003	18465	12065
R6004	22352	12065
R6005	31496	11836
R6006	53213	7493
R6007	52984	10007
R6008	57099	15722
R6009	57099	17551
R6010	28295	55727
R6011	32638	55727
R6012	33324	53898
R6013	37439	53898
R6014	41554	53441
R6015	37465	51714
R6016	41554	51155
R6017	46355	52070
R6018	50469	51612
R6019	54813	50927
R6020	42240	54356
R6021	45897	53898
R6022	42697	52070
R6023	45897	51841
R6024	50927	52527
R6025	54584	52070
R6026	124307	17780
R6027	124307	12065
R6028	124079	32867
R6029	112191	15951
R6030	109220	17094
R6031	132537	35610
R6032	132537	42926
R6033	132537	37439
R6034	132537	39268
R6035	129565	41783
R6036	132537	33782
R6037	143510	11836
R6038	138023	11836
R6039	142138	54584
R6040	132080	53441
R6041	132080	55270
R6042	144424	50469
R6062	121335	31724
R6063	122021	23952
R6064	132080	5664
R6065	139852	11836
R6066	126136	17780
R6068	131622	29895
R6069	97104	21666

Ref No	Xum	Yum
R6070	81788	45212
R6071	78359	43840
R6072	75158	42697
R6073	78587	41325
R6074	82702	40868
R6075	80873	39039
R6076	81559	37211
R6077	78359	36068
R6078	82245	34925
R6079	79273	33782
R6080	80187	32181
R6081	83388	32181
R6082	79730	29895
R6083	83616	29895
R6084	79959	27609
R6085	83388	27609
R6091	71501	16179
R6092	81330	34239
R6094	73329	16179
R6095	82245	31038
R6096	36525	12065
R6116	137337	47955
R6117	130251	47726
R6118	119507	55727
R6119	127965	17780
R6120	29895	5435
R6121	144424	42926
R6122	142595	42926
R6123	146253	42926
R6124	122021	17780
R6125	94818	12065
R6126	127965	6807
R6127	103047	55727
R6128	106705	55727

DINAMIC FOCUS UNIT PWB (F7314N3) PARTS LOCATION TABLES.

Component Side.

Ref No	Xum	Yum
(EW)	101600	46736
(F)	130048	38862
(FF)	121158	38862
(L5)	83566	56134
(L6)	30226	54102
(PWA)	66294	57150
(PWB)	52070	57150
C1601	170688	12192
C1602	174498	12192
C1603	176276	20574
C1604	198628	38100
C1701	14732	52832
C1702	33782	9144
C1703	41402	39116
C1704	56134	20066
C1707	58928	46482
C1708	68326	40132
D1601	194818	45212
D1602	202438	45212
D1703	61214	28956
FB1701	56642	10922
FOCO	213995	32512
J12	48514	33020
Q1601	183007	32512
Q1701	43840	16510
R1601	190754	45212
R1602	131826	53848
R1603	171196	45466
R1709	38100	24130
R1710	53086	31750
T1602	151384	27432
T1701	18034	29718

Copper side

Ref No	Xum	Yum
C1705	54864	29718
C1706	46482	38100
D1701	24638	33274
D1702	27432	33274
IC1701	47752	30226
R1701	15494	45974
R1702	21844	45974
R1703	21844	40132
R1704	36322	54102
R1705	40894	51562
R1706	41402	46990
R1707	22352	25146
R1708	36068	25400
R1711	46482	40132
R1712	58674	30988
R1713	60452	27178
R1714	67056	28702
R1715	67056	35052

POWER SUPPLY UNIT PWB (F7317N1) PARTS LOCATION TABLES.

Component Side.

Ref No	Xum	Yum
(A)	115570	18542
(AA)	107442	18542
(H)	56642	9144
C6701	50292	33020
C6746	90424	22352
D6751	140004	53009
D6752	151993	53009
F6701	8890	25400
IC6701	108000	58978
IC6708	127990	57988
L6701	72059	30454
L6701.	70866	29464
LP6701	45008	53009
OPC	136398	15748
R6701	23114	50292
R6702	40132	34544
R6751	133858	34798
RC	115316	38100
S6701	23012	64516
S6702	57988	50012
S6703	70002	50012
S6704	81991	50012
S6705	94005	50012
ST	150876	15748
SW1	101600	38100
SW2	108204	38100

Copper side.

Ref No	Xum	Yum
C6702	58166	51816
C6703	69850	51816
C6704	82042	51816
C6705	93726	51816
C6715	128778	53594
R6738	151892	56642
R6739	148082	49276

LINE FILTER UNIT PWB (F7338N0) PARTS LOCATION TABLES

Component Side

Ref No	Xum	Yum
(A)	5816	17500
(AA)	84048	17500
C4701	26390	11785
C4746	63728	16103
L4701	46253	18491
L4701A	45059	17500

Copper side

No parts.

POWER SUPPLY UNIT PWB (F7317N0A) PARTS LOCATION TABLES.

Component Side.

Ref No	Xum	Yum
(A)	46228	37846
(H)	52578	12446
D6751	140004	53009
D6752	151993	53009
F6701	45212	28956
IC6701	108000	58978
IC6708	127990	57988
LP6701	45008	53009
OPC	136398	15748
R6701	23114	50292
R6702	60198	35052
R6751	133858	34798
S6701	23012	64516
S6702	57988	50012
S6703	70002	50012
S6704	81991	50012
S6705	94005	50012
ST	150876	15748
SW1	84074	15748
SW2	94996	15748

Copper side.

Ref No	Xum	Yum
C6702	58166	52832
C6703	69850	52070
C6704	82042	52324
C6705	93726	52324
C6715	128778	53594
R6738	151892	56642
R6739	148082	49276

DESCRIPTION OF SCHEMATIC DIAGRAM

SAFETY NOTE:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.

2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

NOTE:

1. The unit of resistance «ohm»is omitted (K=1000 ohms. M= Megaohm).
2. All resistors are 1/8 watt. unless otherwise noted.
3. All capacitors are mF, unless otherwise noted (P= mmF).
4. The capacitor with Part No. RC-FZ9XXXBMNJ is designed to with stand 63V.
5. The capacitor with Part No. RC-FZ4XXXBMNJ is designed to with stand 50V.

IMPORTANT SAFETY NOTE:

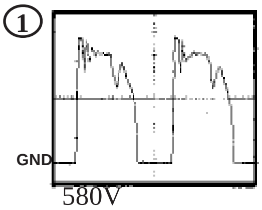
PARTS MARKED WITH «⚠ » (   ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

SERVICE PRECAUTION:

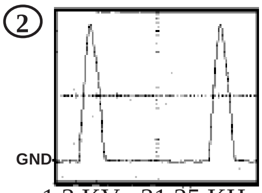
THE AREA ENCLOSED BY THIS LINE (–•–•–) IS DIRECTLY CONNECTED WITH AC MAINS VOLTAGE.
WHEN SERVICING THE AREA, CONNECT AN ISOLATING TRANSFORMER BETWEEN TV RECEIVER AND AC LINE TO ELIMINATE HAZARD OF ELECTRIC SHOCK.

CAUTION
This circuit diagram is original one, therefore there may be light difference from yours.

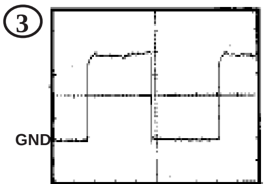
WAVEFORM MEASUREMENT CONDITION:
Colour bar genetator signal of 70 dB from RF input.

①


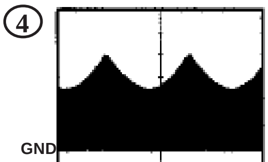
580V

②


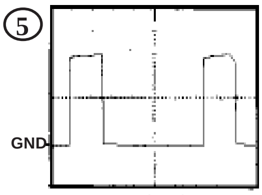
1.3 KV 31.25 KHz

③


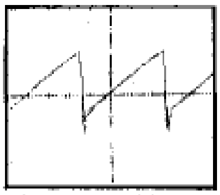
4 Vp-p 31.25 KHz

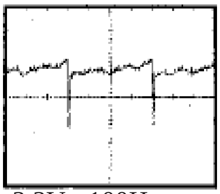
④


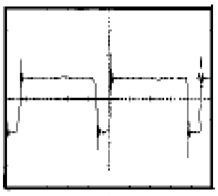
350 Vp-p 100Hz

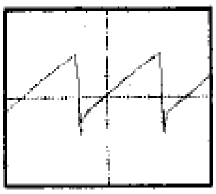
⑤


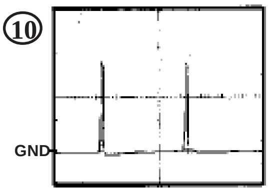
41 Vp-p 31.25 KHz

⑥

1.8 Vp-p 100Hz

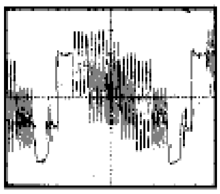
⑦

3.3V 100Hz

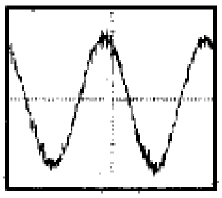
⑧

45 Vp-p 113 KHz FM

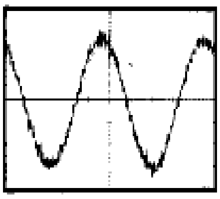
⑨

19V 100Hz

⑩


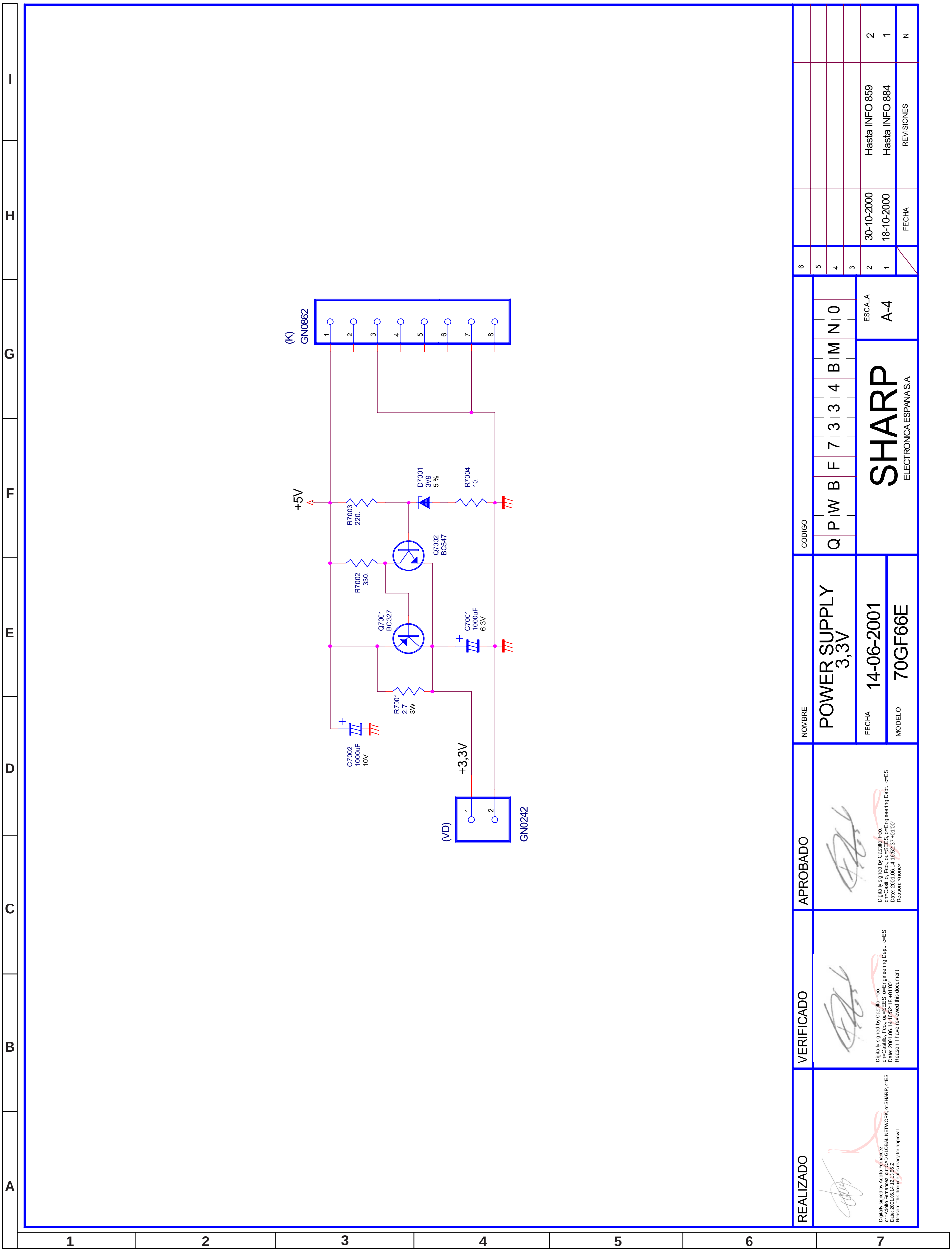
25 Vp-p 100Hz

⑪

1.15 Vp-p 31.25KHz

⑫

400Hz

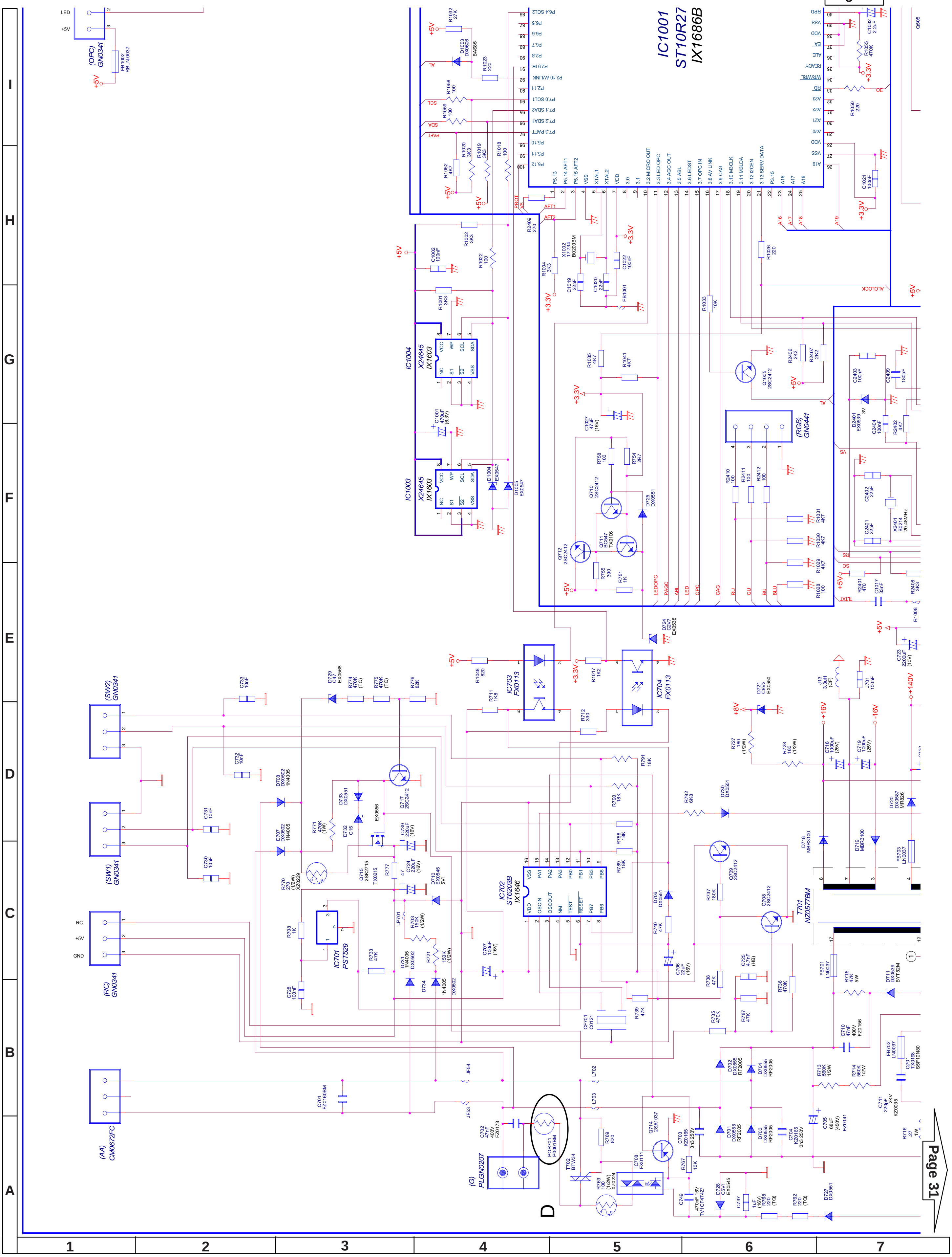
⑬

400Hz

SCHEMATIC DIAGRAM OF POWER SUPPLY 3.3V UNIT (F7334N0), 00 Version.



SCHEMATIC DIAGRAM OF MOTHER UNIT (K7293N6), 00 Version.

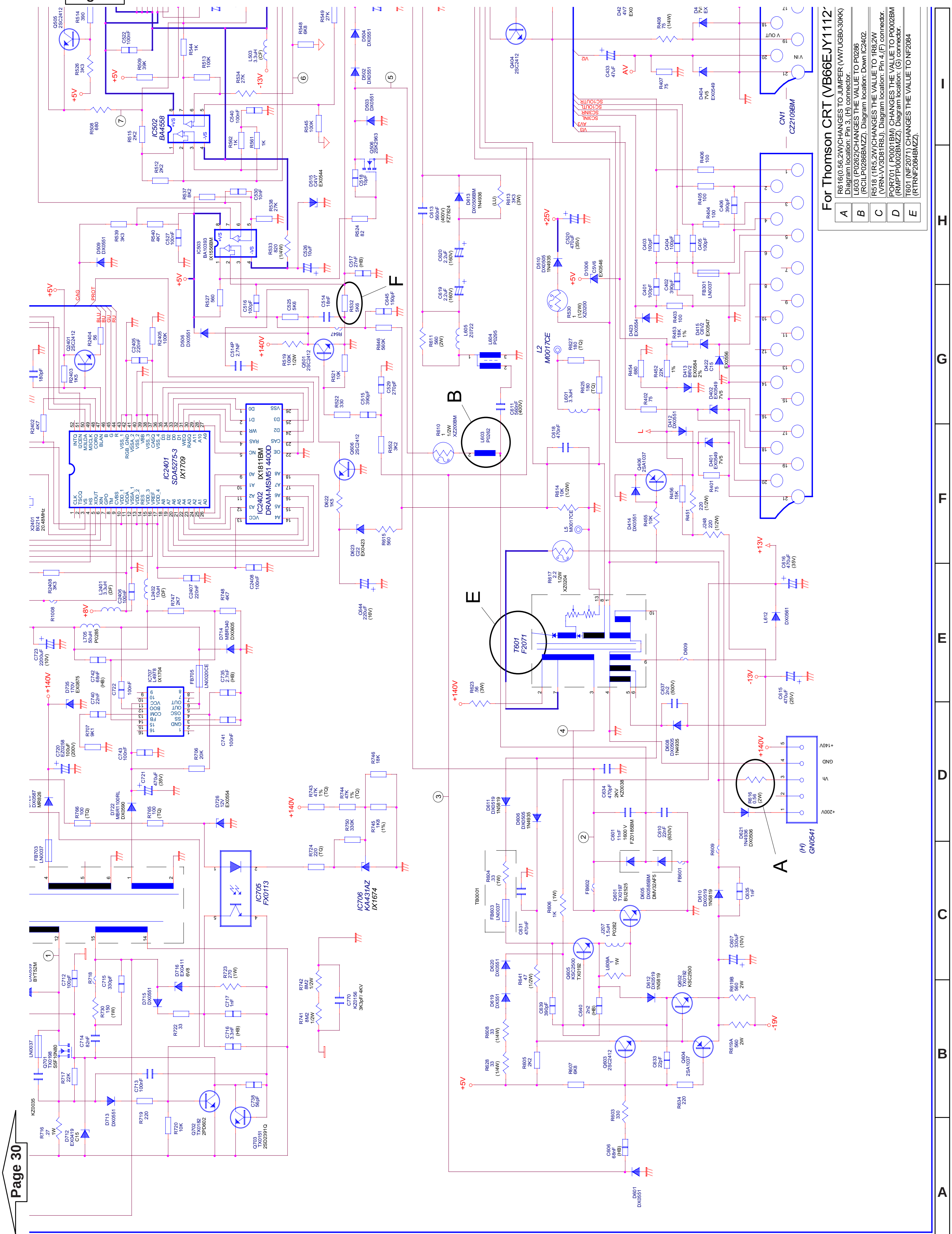
Page 32



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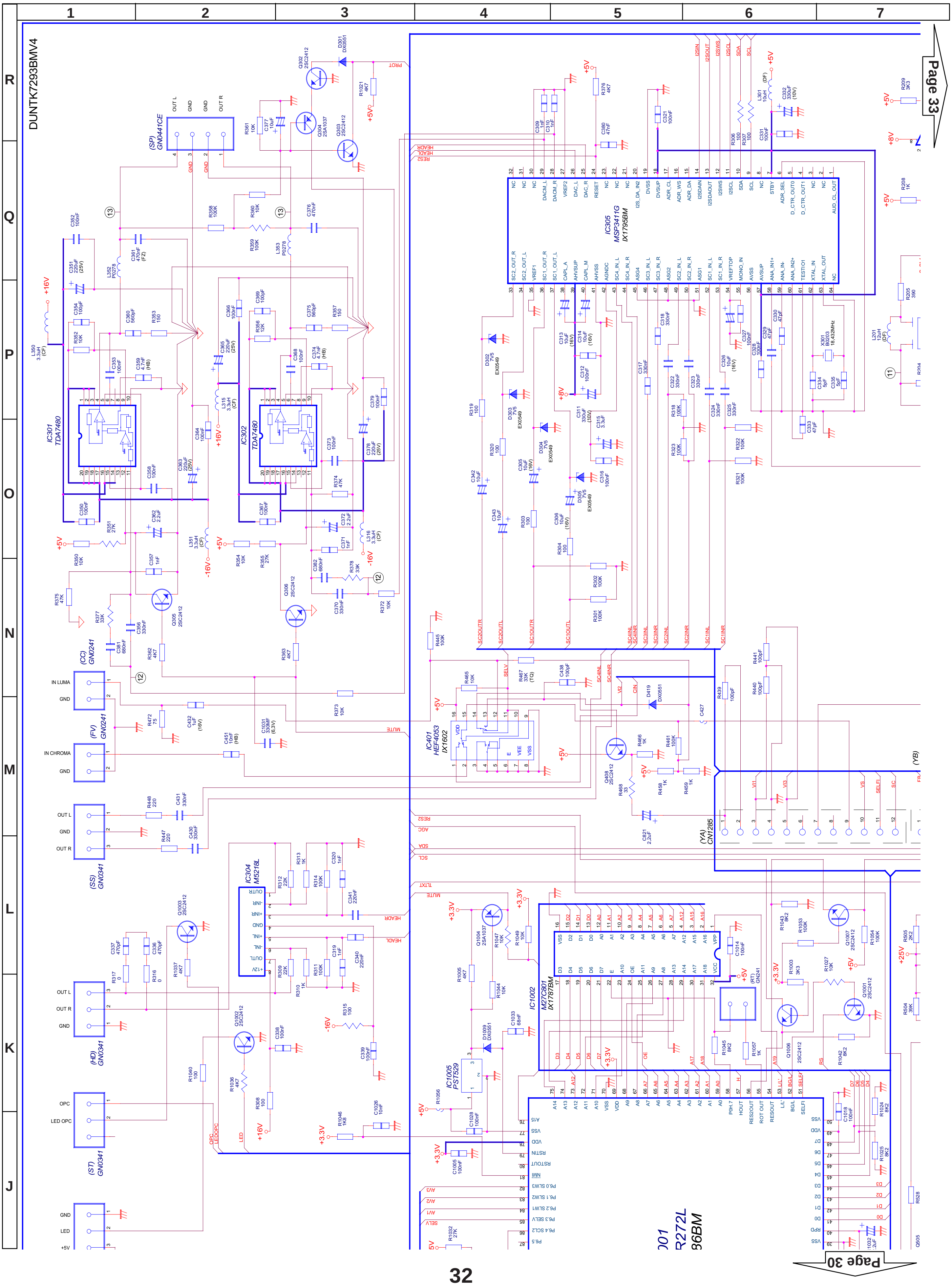
SCHEMATIC DIAGRAM OF MOTHER UNIT (K7293N6), 00 Version.



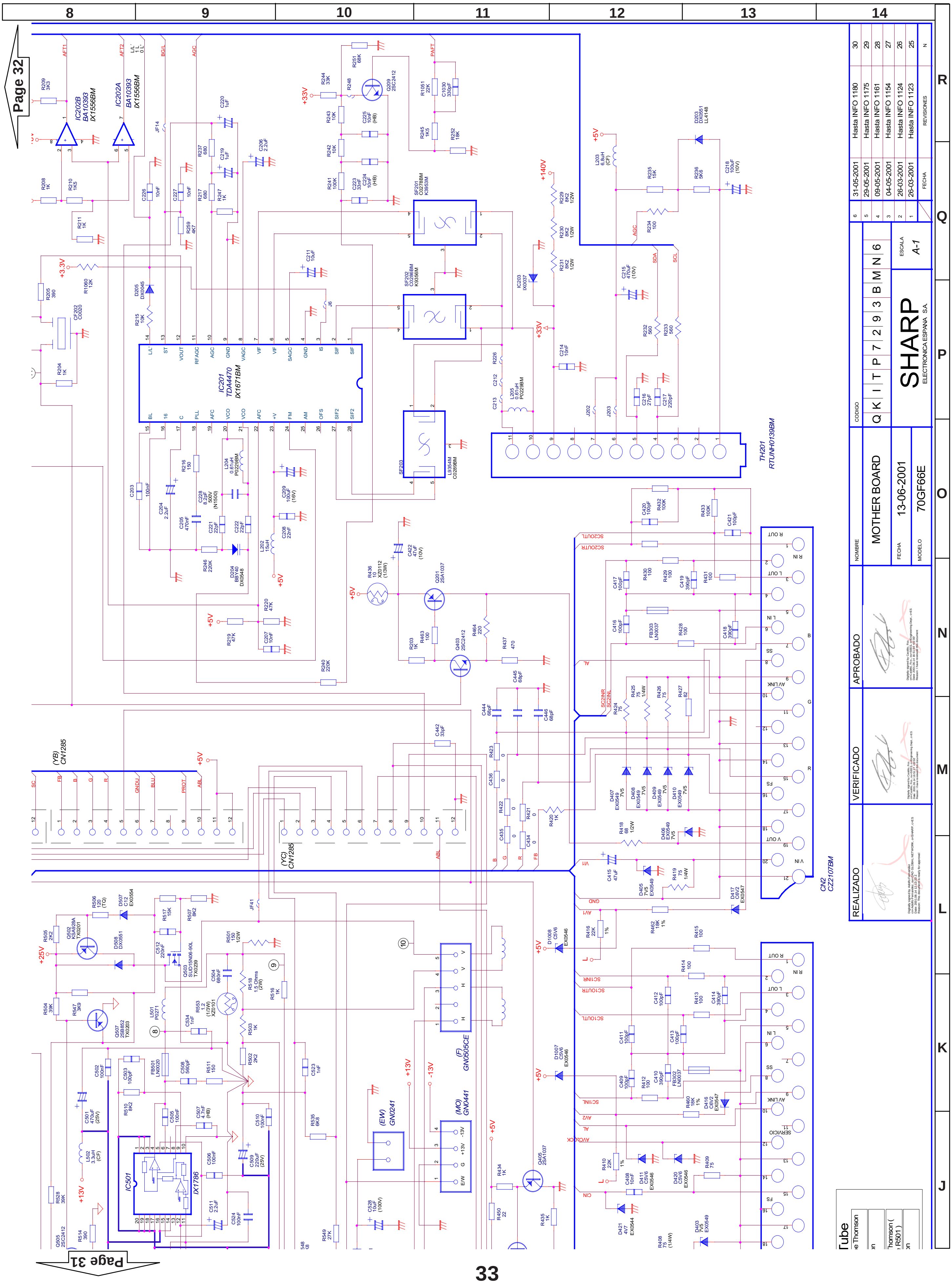
Page 30

8	9	10	11	12	13	14

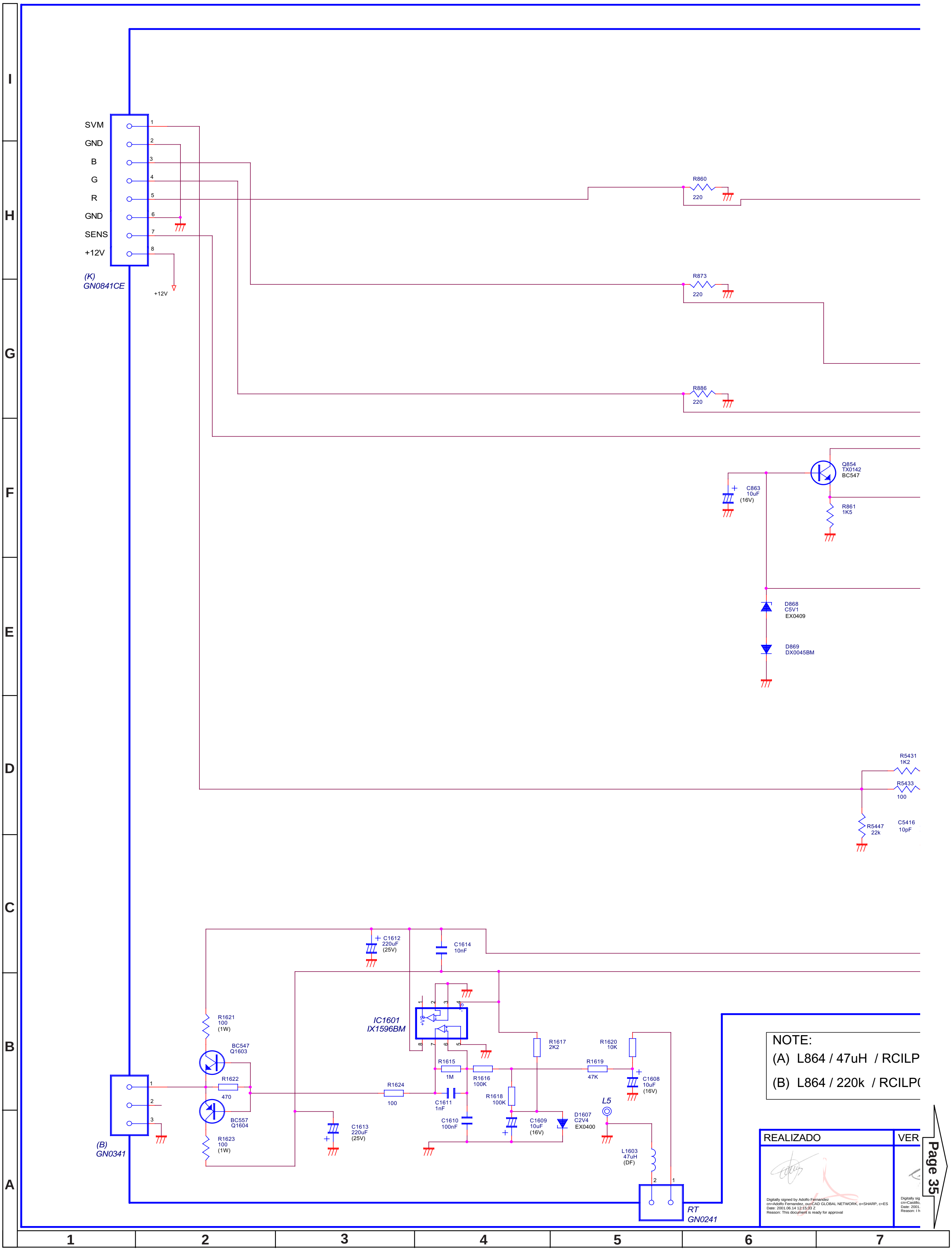
SCHEMATIC DIAGRAM OF MOTHER UNIT (K7293N6), 00 Version.



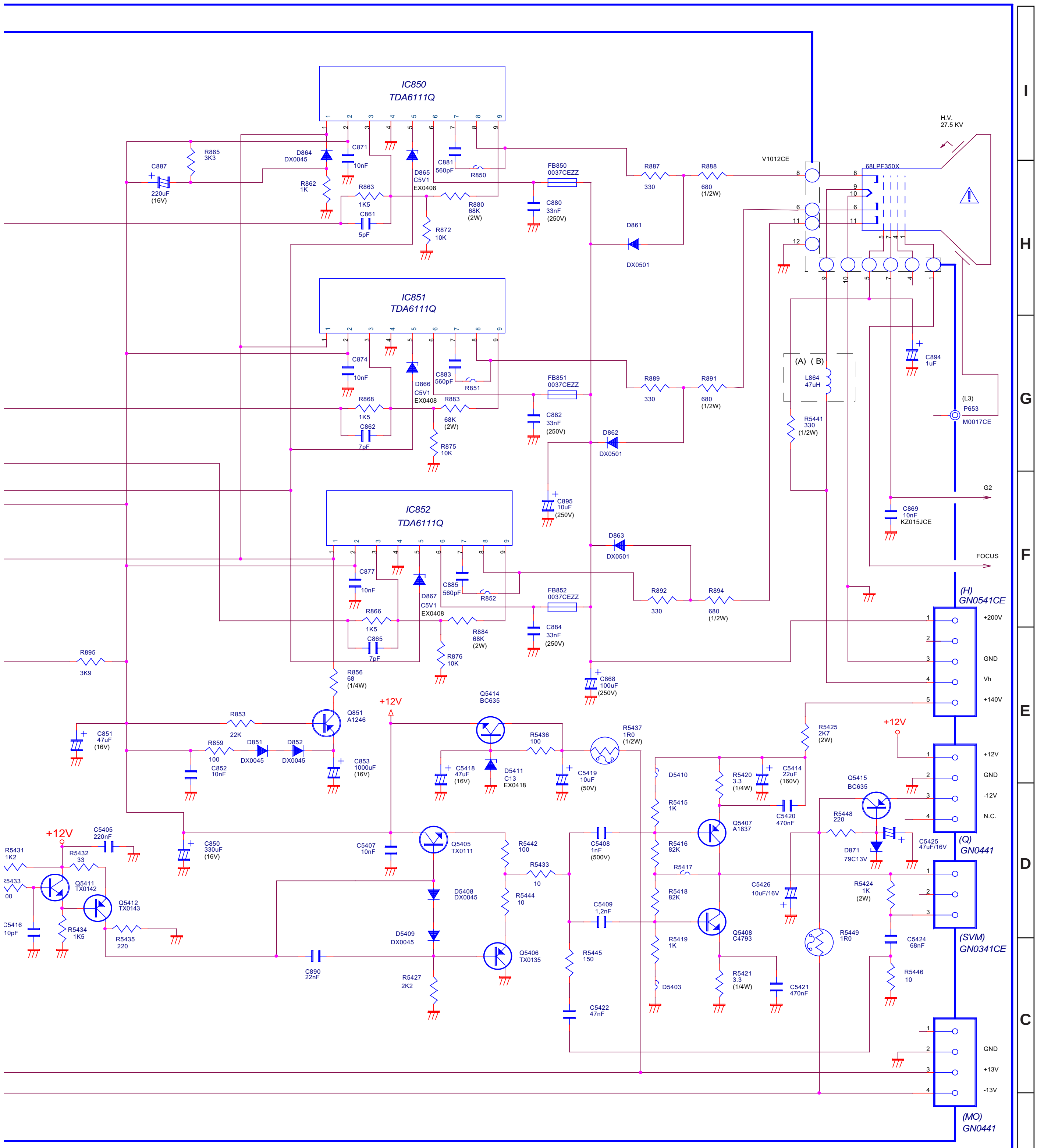
SCHEMATIC DIAGRAM OF MOTHER UNIT (K7293N6), 00 Version.



SCHEMATIC DIAGRAM OF CRT UNIT (F7269N3), 00 Version.



SCHEMATIC DIAGRAM OF CRT UNIT (F7269N3), 00 Version.



ILP0276BMZZ+ with Philips CRT Tube

ILP0275BMZZ+ with Thomson CRT Tube

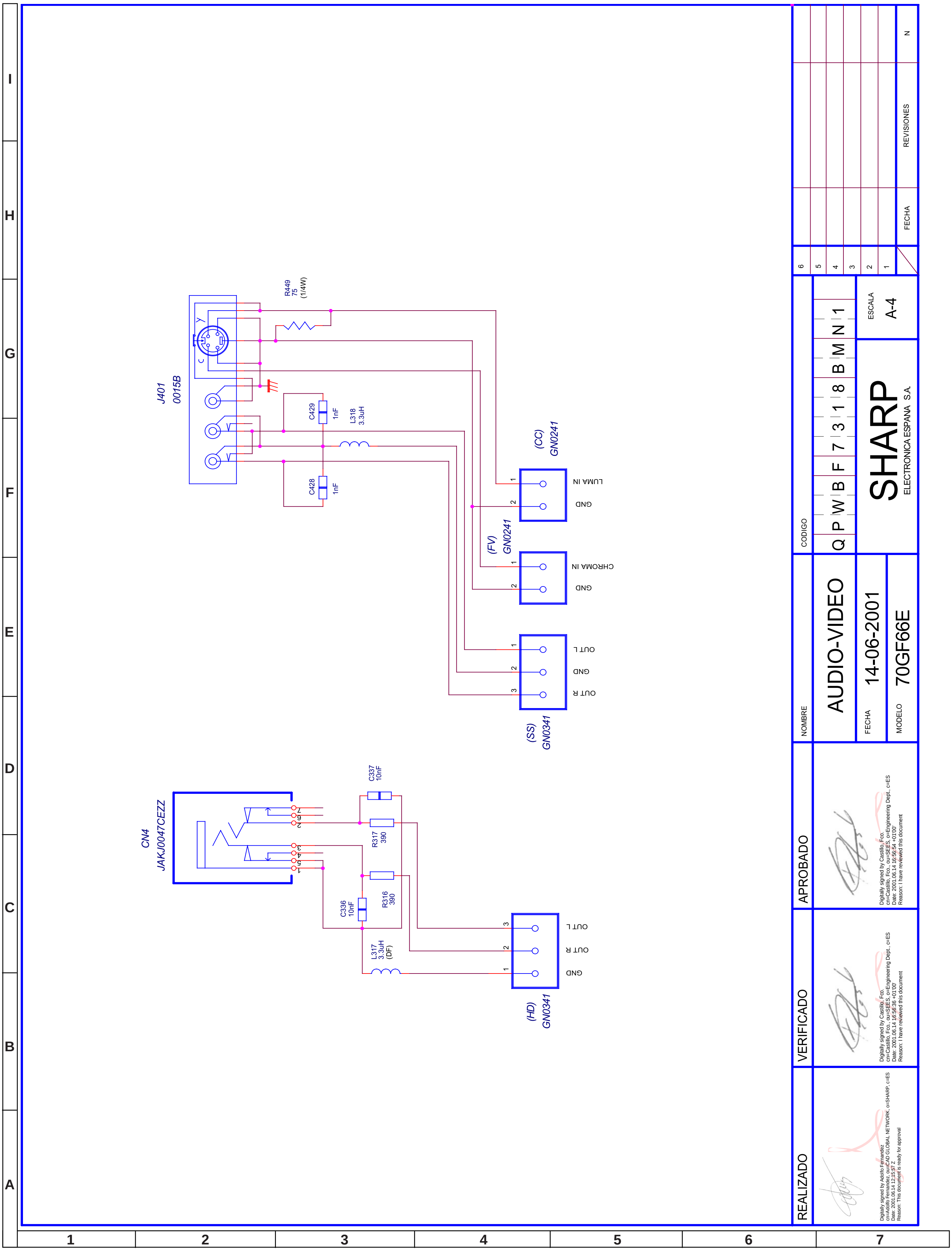
VERIFICADO	APROBADO	NOMBRE	CODIGO				
Digitally signed by Castillo, Fco. cn=Castillo, Fco., ou=SEES, o=Engineering Dept., c=ES Date: 2001.06.14 16:58:39 +01'00' Reason: I have reviewed this document	Digitally signed by Castillo, Fco. cn=Castillo, Fco., ou=SEES, o=Engineering Dept., c=ES Date: 2001.06.14 16:56:03 +01'00' Reason: I have reviewed this document	CRT Module	Q P W B F 7 2 6 9 B M N 3				
		FECHA 13-06-2001	SHARP ELECTRONICA ESPANA S.A.	ESCALA A-3			
		MODELO 70GF66E					

	FECHA	REVISIONES	N
6	07-11-2000	Hasta INFO 922	6
5	06-11-2000	Hasta INFO 920	5
4	08-09-2000	Hasta INFO 826	4
3	15-06-2000	Hasta INFO 715	3
2	16-03-2000	Hasta INFO 597	2
1	12-12-2000	Hasta INFO 976	7

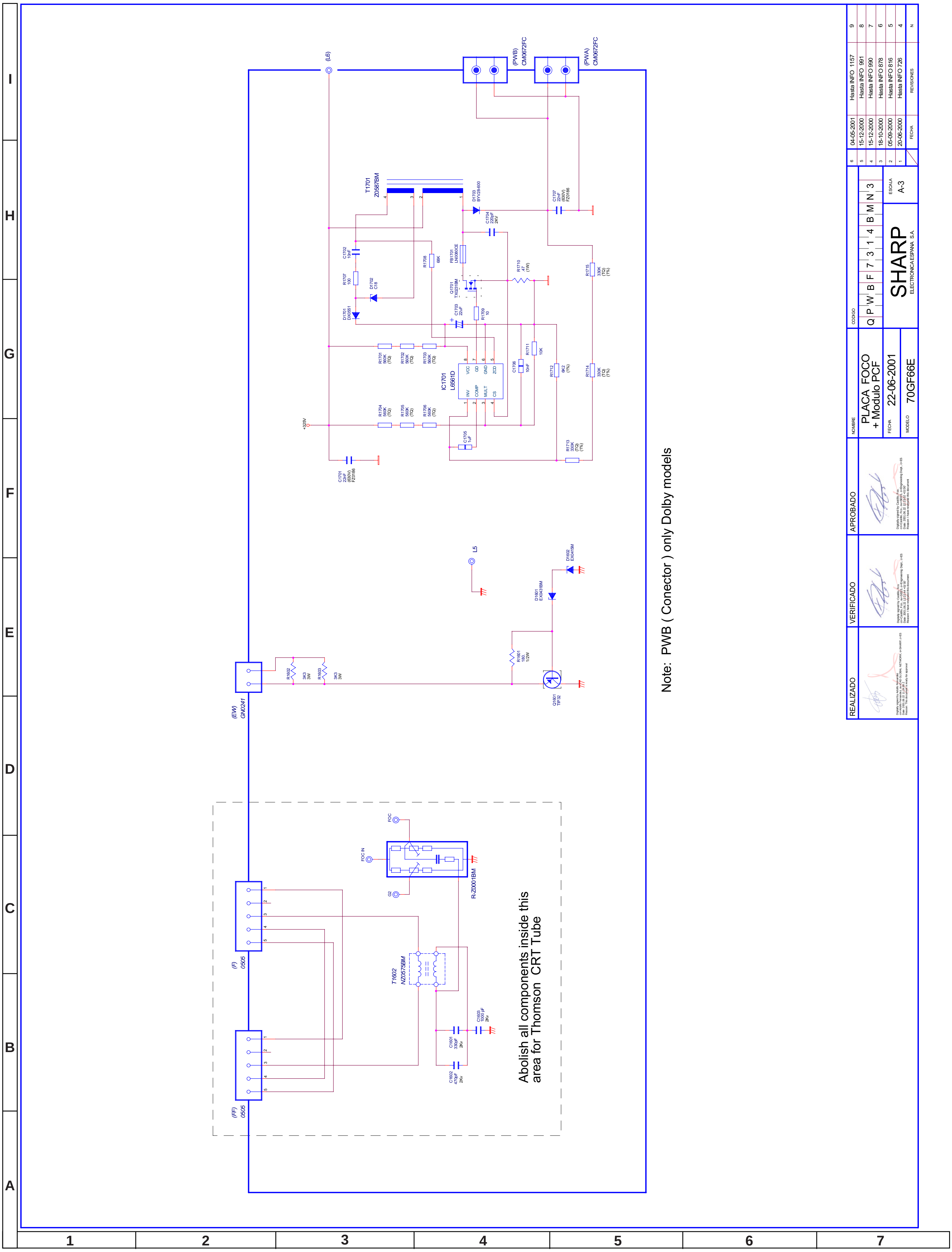
Page 34

8	9	10	11	12	13	14

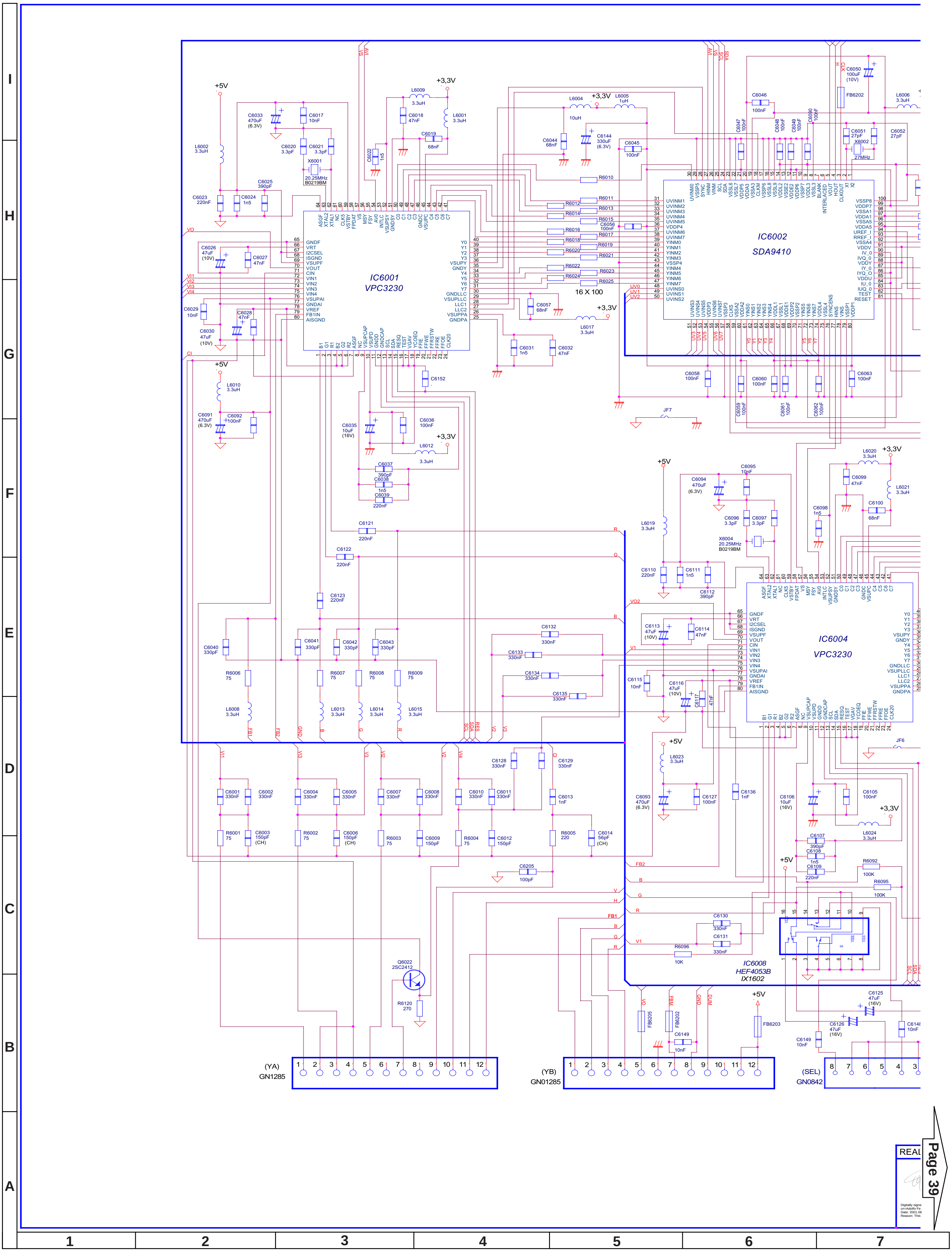
SCHEMATIC DIAGRAM OF FRONT A/V UNIT (F7318N0A), 00 Version.



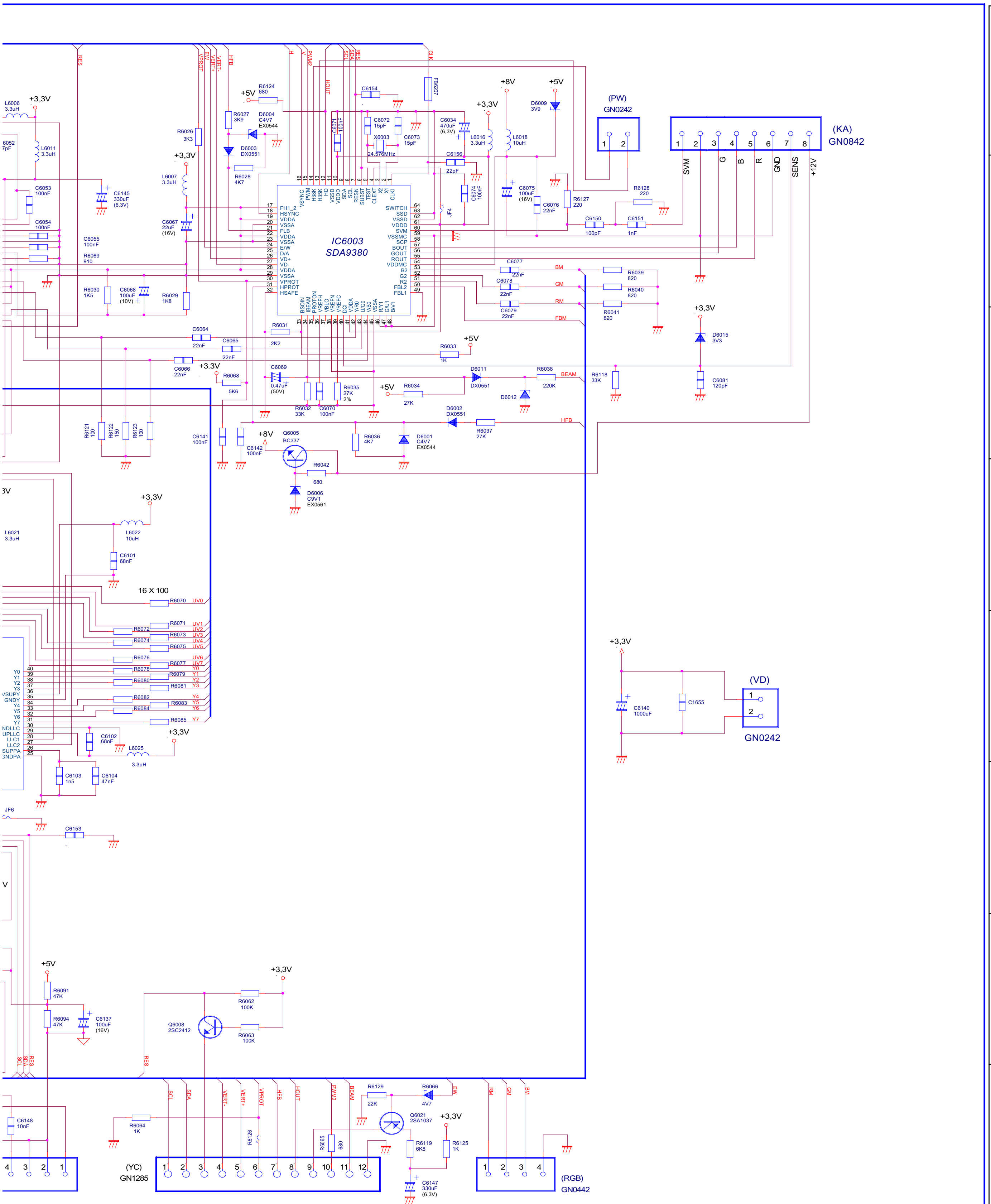
SCHEMATIC DIAGRAM OF DINAMIC FOCO UNIT (F7314N3), 00 Version.



SCHEMATIC DIAGRAM OF DIGITAL MODULE UNIT (F7308N2A), 00 Version.



SCHEMATIC DIAGRAM OF DIGITAL MODULE UNIT (F7308N2A), 00 Version.

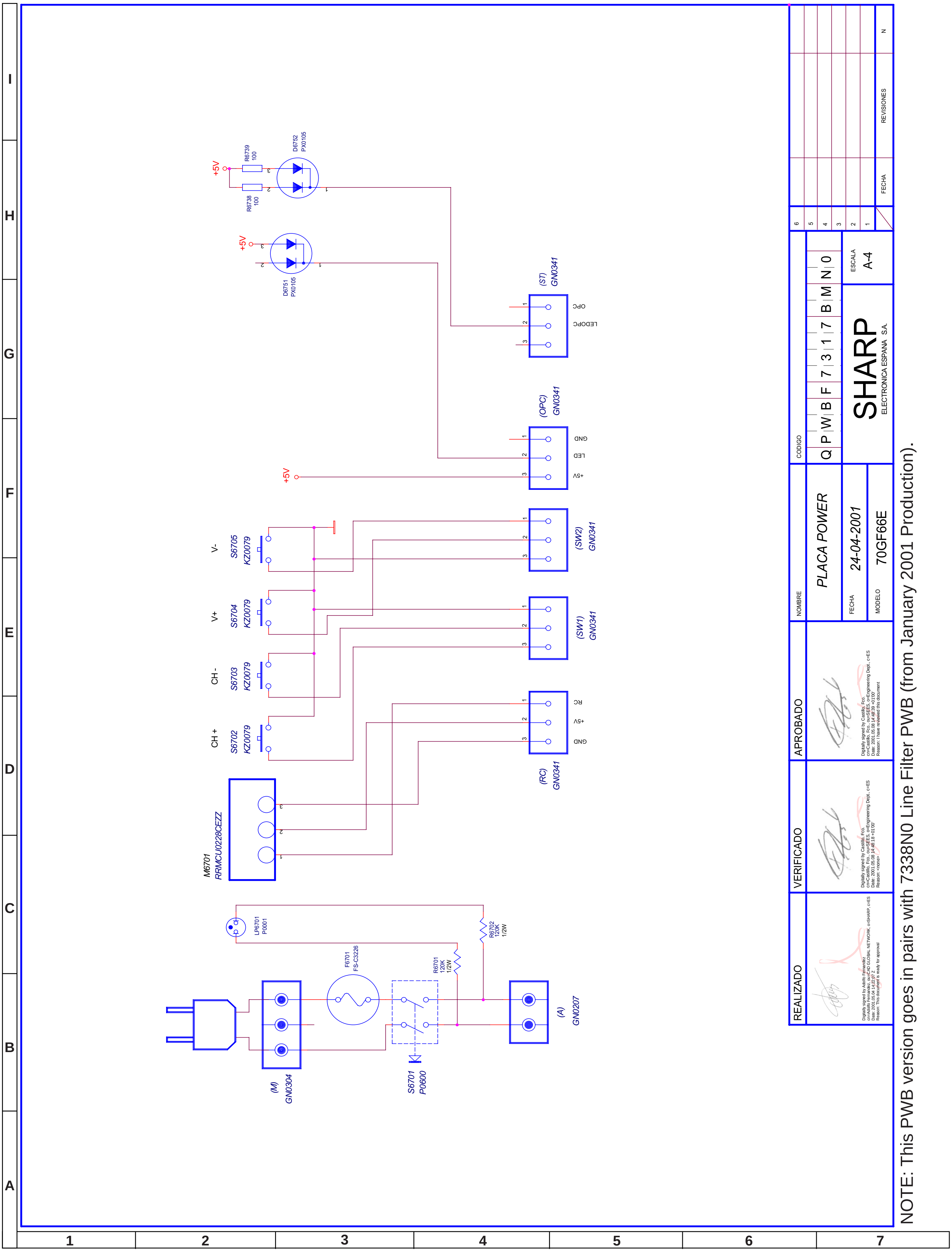


REALIZADO	VERIFICADO	APROBADO	NOMBRE	CODIGO
			MODULE DIGITAL	Q K I T P 7 3 0 8 B M N 2
			FECHA 14-06-2001	SHARP ELECTRONICA ESPANA S.A.
			MODELO 70GF66E	ESCALA A-2

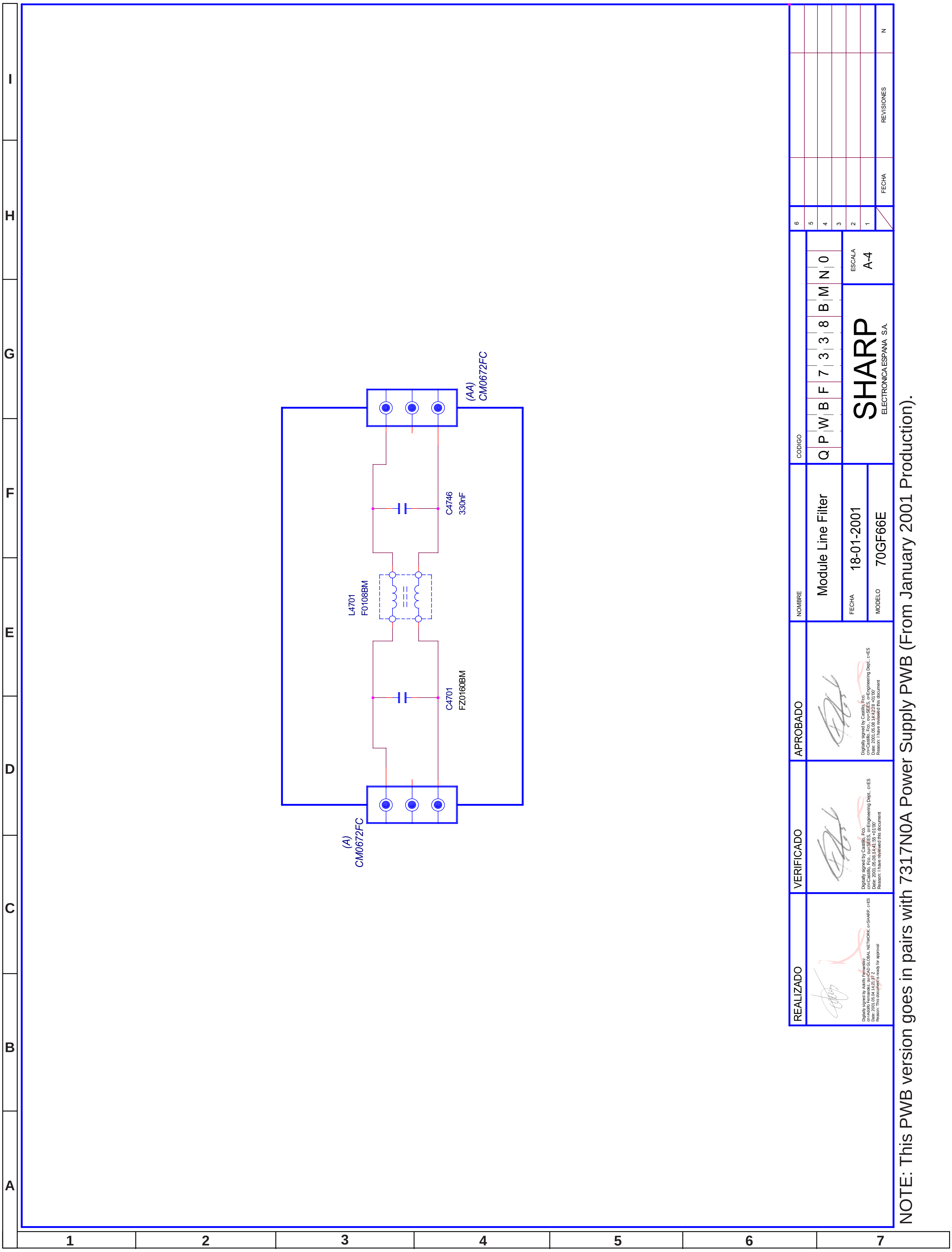
6	02-03-2001	Hasta INFO 1081	8
5	19-02-2000	Hasta INFO 1056	7
4	13-02-2001	Hasta INFO 1048	6
3	02-01-2001	Hasta INFO 1001	5
2	10-11-2000	Hasta INFO 933	4
1	26-10-2000	Hasta INFO 905	3
	FECHA	REVISIONES	N

8 9 10 11 12 13 14

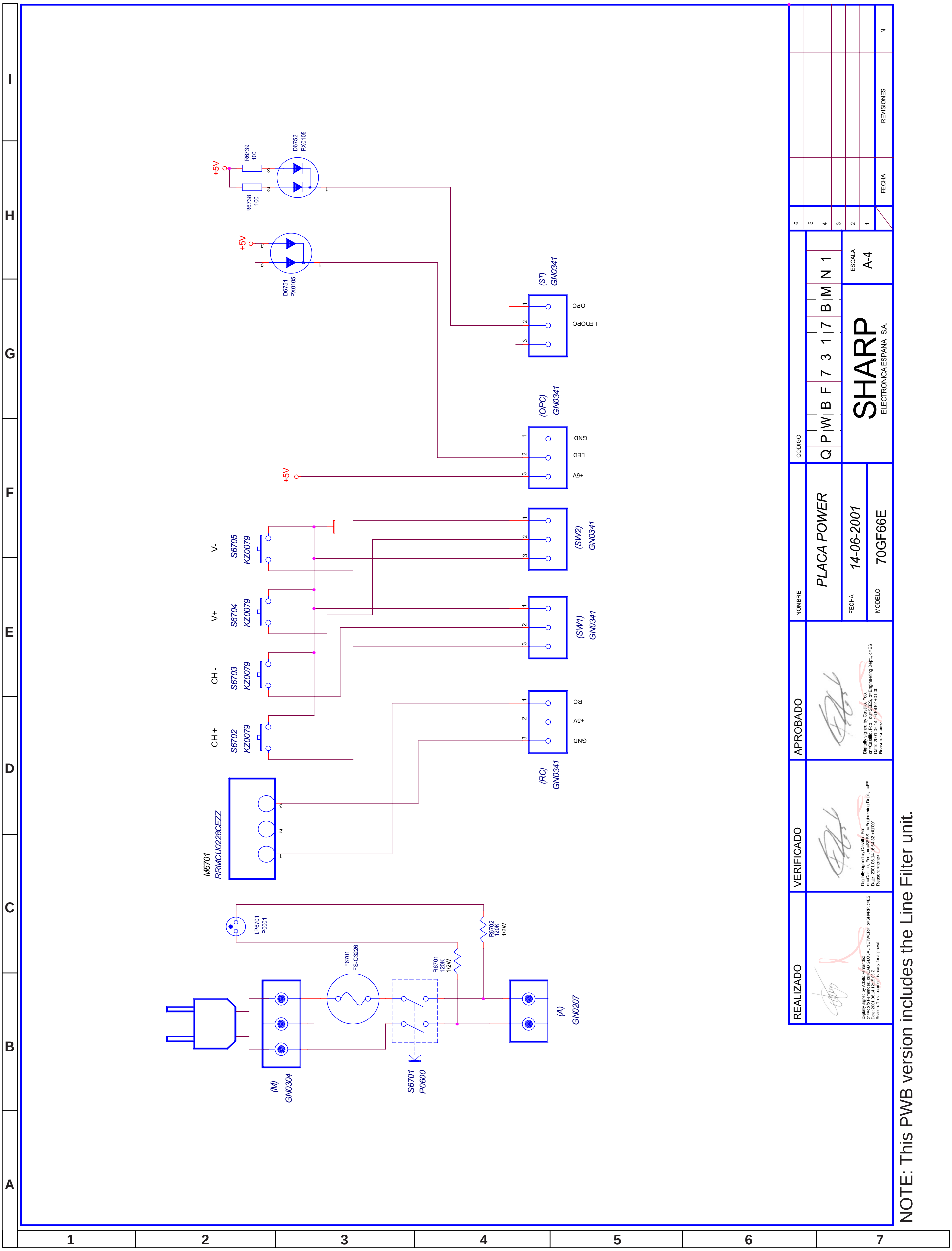
SCHEMATIC DIAGRAM OF POWER SUPPLY UNIT (F7317N0A), 00 Version.



SCHEMATIC DIAGRAM OF LINE FILTER UNIT (F7338N0), 00 Version.



SCHEMATIC DIAGRAM OF POWER SUPPLY UNIT (F7317N1), 00 Version.



NOTE: This PWB version includes the Line Filter unit.

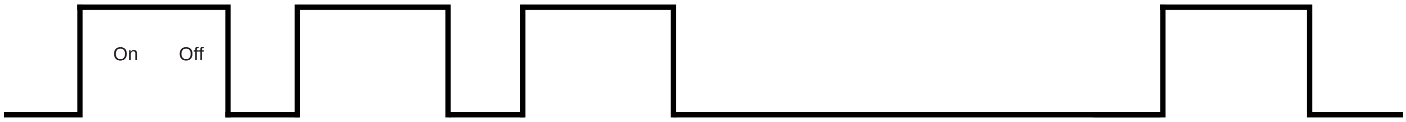
STEREO LED FLASHING CODES.

If the TV set does not work and the stereo led is flashing, follow the sequence according to the information below, as a guide to fault finding.

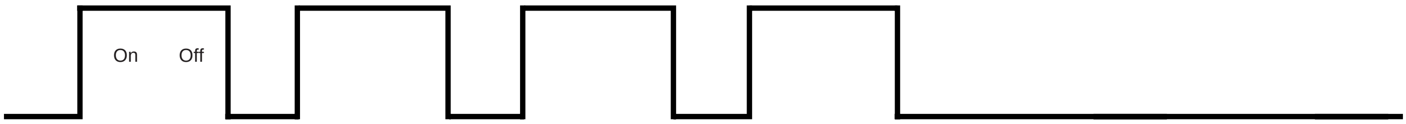
1. **Unable to read or write into NVM:** 66% ON, 33% OFF twice and OFF for a second.



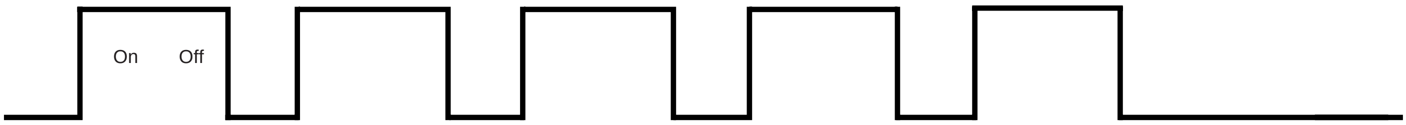
2. **MSP failure:** 66% ON, 33% OFF for three times and OFF for a second.



3. **VPC failure (IC6001):** 66% ON, 33% OFF for four times and OFF for a second.



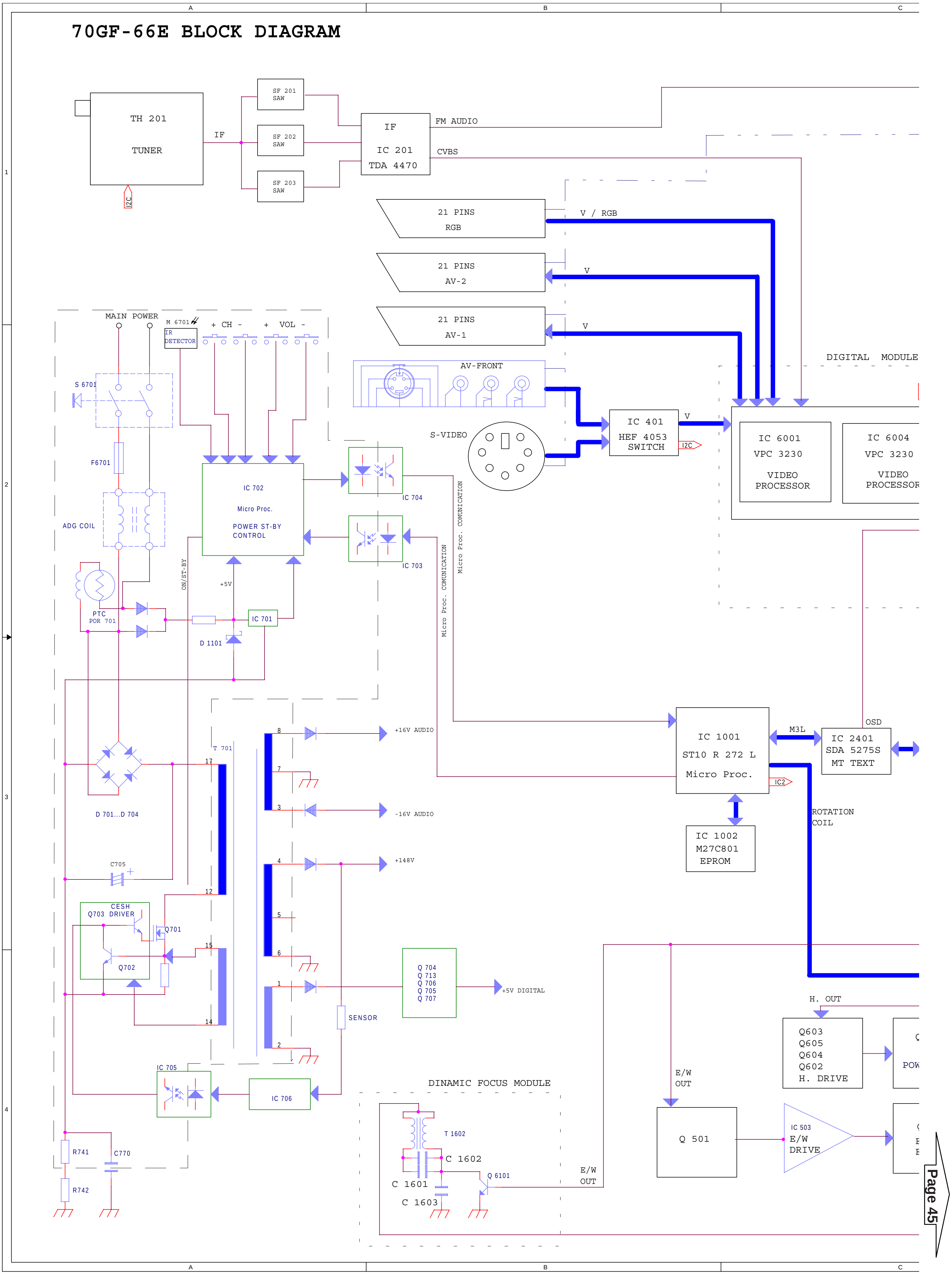
4. **VPC failure (IC6004):** 66% ON, 33% OFF for five times and OFF for a second.



5. **SDA9410 failure:** 66% ON, 33% OFF for six times and OFF for a second.

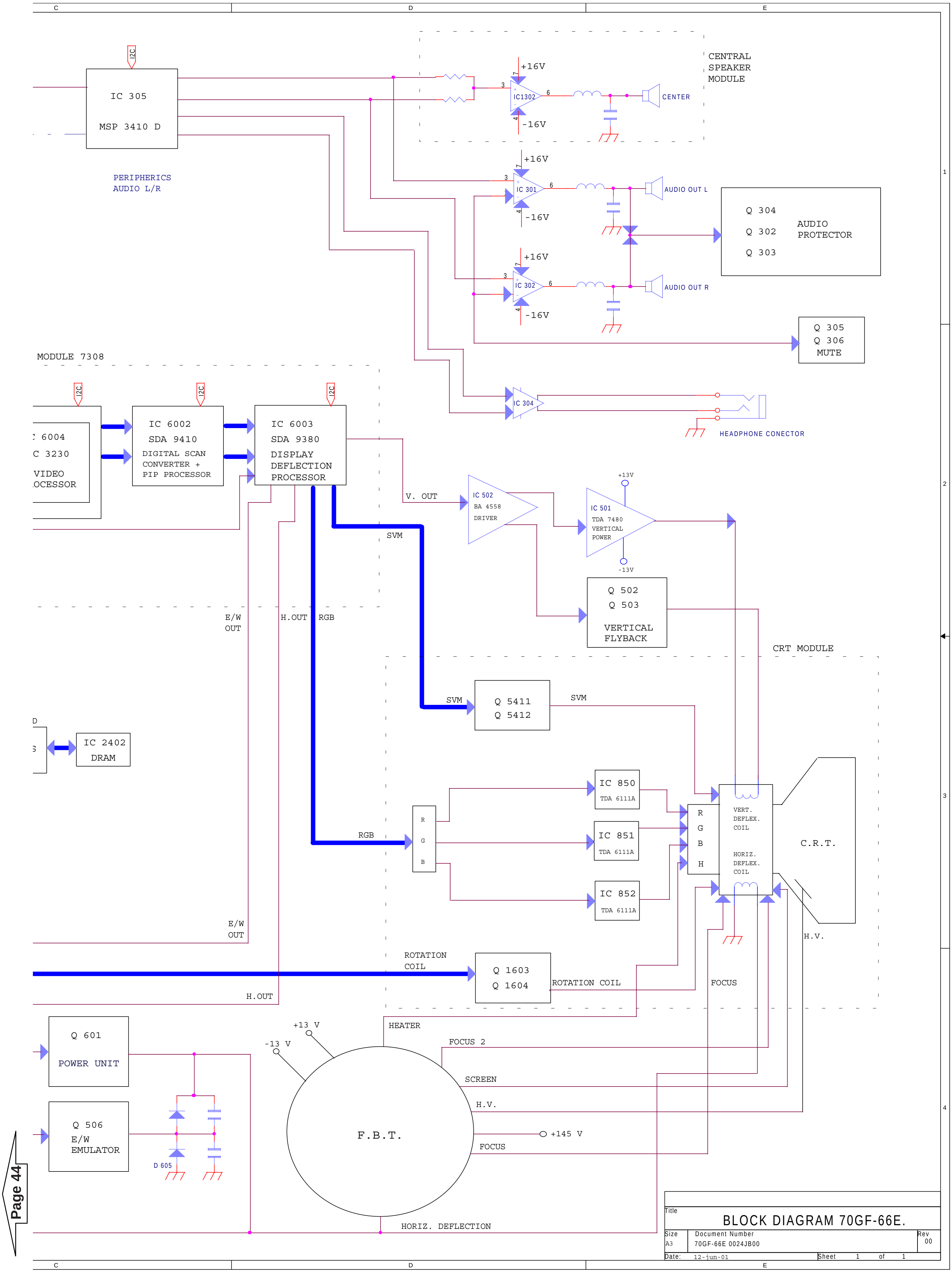
6. **SDA9380 failure:** 66% ON, 33% OFF for seven times and OFF for a second.

BLOCK DIAGRAM



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BLOCK DIAGRAM



PARTS LISTING

REPLACEMENT PARTS

Replacement parts which have special safety characteristics are identified in this manual. Electrical components having such features are identified by ⚠ in the Replacement Part List.
The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended is not permitted.
Replacement parts not shown in this service manual may create shock fire, or other hazards.

HOW TO ORDER REPLACEMENT PARTS

To have your order completed promptly and correctly please supply the following information.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

MARK *: SPARE PARTS DELIVERY SECTION

	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
			PICTURE TUBE			
⚠	CRT	VB66ERF3144*N	CRT 28"16:9 FLAT100Hz W66ERF031X044 **(PHILIPS)**	S	CK	DE
⚠	CRT	VB66ERF4144*N	28" 16:9RF 100HZ PHIL. W66ERF041X044 **(PHILIPS)**	S	CK	DE
⚠	CRT	VB66EJY11121E	28"FLAT100HzSINGLEFOCUS W66EJY011x121THO **(THOMSON)**	S	CK	DE
⚠	D.G.C.	RCILG0417BMZZ	DEGUSS.COIL ATN01121951 28"16:9 NUCT. **(For Philips CRT)**	S	AQ	AX
⚠	D.G.C.	RCILG0418BMZZ	DEGUSS.COIL ATN01121951 28"16:9 NUCT. **(For Thomson CRT)**	S	AS	AZ
	PRINTED	**WIRING BOARD**	**(Not replacement item)**			
	PWB-A	DUNTK7293CJV4	MOTHER UNIT 70GF66E	S	BT	CM
	PWB-B	DUNTK7269BMV5	CRT UNIT	S	AX	BL
	PWB-C	DUNTK7308BMV0	DIGITAL MODULE 2 WINDOW (PIP)	S	BP	CE
	PWB-D	DUNTK7314BMW6	DINAMIC FOCUS +E/W 70GF66E	S	AX	BL
	PWB-E	DUNTK7317BMV1	FRONTAL POWER SWITCH "NO" Version	S	AT	BE
	PWB-F	DUNTK7317BMV1	FRONTAL POWER SWITCH "N1" Version	S	AT	BE
	PWB-G	DUNTK7318BMV1	FRONTAL SIGNAL	S	AH	AU
	PWB-H	DUNTK7334BMV0	3.3VDC POWER SUPPLY	S	AF	AQ
	PWB-I	DUNTK7338BMV0	LINE FILTER MODULE FOR 7317NO Version	S	AH	AU
	PWB-A		**MOTHER UNIT**			
			TUNER			
	TH 0201	RTUNH0139BMZZ	TUNER CTT5020E THOMSON	S	AP	BA
			INTEGRATED CIRCUITS			
	IC 050	RH-IX1786BMZZ	C.I. TDA 7480L THOMSON	S	AD	AL
	IC 0201	RH-IX1671BMZZ	IC TDA4470-MFL TEMIC SMD	S	AF	AQ
	IC 0202	RH-IX1556BMZZ	IC BA10393 S0P8 SMD ROHM	S	AC	AD
	IC 0203	RH-IX0037CEZZ	IC UPC574J 33V NEC	S	AF	AD
	IC 0301	VHITDA7480/-1	IC TDA7480 THOMSON	S	AF	AK
	IC 0302	VHITDA7480/-1	IC TDA7480 THOMSON	S	AF	AK
	IC 0304	VHIM5218L/-1	IC M5218L	S	AA	AD
	IC 0305	RH-IX1795BMZZ	IC MSP3411G-PP-A2 V.DOLBY 64PSDIP MICRON	S	AT	BE
	IC 0401	RH-IX1602BMZZ	IC HEF4053 SMD	S	AA	AD
	IC 0502	VHIBA4558F/-1	IC BA4558F-E2 ROHM OP-AMP	S	AA	AC
	IC 0503	RH-IX1556BMZZ	IC BA10393 S0P8 SMD ROHM	S	AC	AD
	IC 0701	VHIPST529C2-1	IC PST529C2 MITSUMI	S	AD	AD
	IC 0702	RH-IX1646BMZZ	IC ST6203B SMD SGS-THOMSON	S	AF	AL
⚠	IC 0703	RH-FX0113BMZZ	OPTOCOUPLER TCET1103G VISHAY	S	AA	AC
⚠	IC 0704	RH-FX0113BMZZ	OPTOCOUPLER TCET1103G VISHAY	S	AA	AC
⚠	IC 0705	RH-FX0113BMZZ	OPTOCOUPLER TCET1103G VISHAY	S	AA	AC
	IC 0706	RH-IX1674BMZZ	IC KA431AZ SAMSUNG	S	AA	AD
	IC 0707	RH-IX1704BMZZ	IC L4978 THOMSON	S	AD	AK
	IC 0708	RH-FX0111BMZZ	OPTOCOUPLER TLP165J TOSHIBA	S	AB	AE
	IC 1001	RH-IX1686BMZZ	IC ST10R272L THOMSON	S	AK	AW
	IC 1002	CH-IX1708CJE6	EPROM 8MB M27C801 ST ELEC	S	AR	BC
	IC 1003	RH-IX1603BMZZ	NVM X24645S8 XICOR SMD	S	AS	AV
	IC 1004	RH-IX1603BMZZ	NVM X24645S8 XICOR SMD	S	AS	AV
	IC 1005	VHIPST529C2-1	IC PST529C2 MITSUMI	S	AD	AD
	IC 2401	RH-IX1709BMZZ	IC SDA5275-3MTXT NIVEL2,5	S	AT	BD
	IC 2402	RH-IX1811BMZZ	IC DRAM MSM514400D-60TS-K OKI	S	AG	AS
			TRANSISTORS			
	Q 0201	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
	Q 0209	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
	Q 0302	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
Q 0303	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0304	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0305	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0306	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0403	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0404	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0405	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0406	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0408	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0501	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0502	RH-TX0201BMZZ	TRT KSA928A SAMGUNG	S	AA	AC
Q 0503	RH-TX0239BMZZ	TRT SUD15N06-90L SILICONIX	S	AA	AE
Q 0505	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0506	RH-TX0219BMZZ	TRT MOSFET TOSHIBA 2SK2963 SMD	S	AA	AD
Q 0507	RH-TX0203BMZZ	TRT 2SB852 ROHM	S	AA	AB
Q 0601	RH-TX0197BMZZ	TRT BU2525AX PHILIPS	S	AG	AP
Q 0602	RH-TX0192BMZZ	TRT KSC2500 SAMSUNG	S	AB	AC
Q 0603	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0604	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0605	RH-TX0192BMZZ	TRT KSC2500 SAMSUNG	S	AB	AC
Q 0606	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0701	RH-TX0198BMZZ	TRT S5F10N80A SAMSUNG	S	AM	AU
Q 0702	RH-TX0182BMZZ	TRT 2PD602AR PHILIPS	S	AA	AB
Q 0703	RH-TX0151BMZZ	TRT 2SD2391Q SMD ROHM	S	AC	AD
Q 0708	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0709	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0710	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0711	RH-TX0106BMZZ	TRT BC547	S	AA	AB
Q 0712	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 0714	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 0715	RH-TX0215BMZZ	MOSFET 2SK2715 ROHM	S	AA	AE
Q 0717	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1001	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1002	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1003	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1004	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 1005	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1006	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 1007	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 2401	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
		DIODES			
D 0203	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0204	RH-DX0548BMZZ	DIODE VARICAP BBY40	S	AC	AE
D 0205	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0206	RH-DX0045BMZZ	DIODE 1N4148	S	AA	AA
D 0301	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0302	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0303	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0304	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0305	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0401	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0402	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0403	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0404	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0405	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0406	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0407	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0408	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0409	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0410	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S	AA	AA
D 0411	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA
D 0412	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0413	RH-EX0584BMZZ	ZENER DIODE TZMB6V2 TFK SMD 2%	S	AA	AA
D 0414	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0415	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA
D 0416	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA
D 0417	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA
D 0419	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0420	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA
D 0421	RH-EX0544BMZZ	ZENER DIODE TZMC4V7 TFK SMD	S	AA	AA
D 0422	RH-EX0556BMZZ	ZENER DIODO TZMC15 TFK SMD	S	AA	AA
D 0423	RH-EX0554BMZZ	ZENER DIODE TZMC12 TFK SMD	S	AA	AA
D 0502	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
D 0503	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0504	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0506	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0507	RH-EX0554BMZZ	ZENER DIODE TZMC12 TFK SMD	S	AA	AA
D 0508	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0509	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0510	RH-DX0505BMZZ	DIODE 1N4935	S	AB	AE
D 0515	RH-EX0544BMZZ	ZENER DIODE TZMC4V7 TFK SMD	S	AA	AA
D 0601	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0605	RH-DX0585BMZZ	DIODE DMV32AF5 THOMSON	S	AH	AM
D 0606	RH-DX0505BMZZ	DIODE 1N4935	S	AB	AE
D 0608	RH-DX0505BMZZ	DIODE 1N4935	S	AB	AE
D 0610	RH-DX0519BMZZ	DIODE 1N5819 MOROROLA	S	AB	AD
D 0611	RH-DX0519BMZZ	DIODE 1N5819 MOROROLA	S	AB	AD
D 0612	RH-DX0519BMZZ	DIODE 1N5819 MOROROLA	S	AB	AD
D 0613	RH-DX0506BMZZ	DIODE 1N4936	S	AB	AB
D 0619	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0620	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0621	RH-DX0506BMZZ	DIODE 1N4936	S	AB	AB
D 0623	RH-EX0423BMZZ	ZENER DIODE BZX79C22V	S	AA	AB
D 0624	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0701	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB
D 0702	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB
D 0703	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB
D 0704	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB
D 0706	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0707	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA
D 0708	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA
D 0710	RH-EX0545BMZZ	ZENER DIODE TZMC5V1 TFK SMD	S	AA	AA
D 0711	RH-DX0539BMZZ	DIODE BYT52M TFK	S	AA	AC
D 0712	RH-EX0419BMZZ	ZENER DIODE BZX79C15V 0,4W	S	AA	AB
D 0713	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0714	RH-DX0605BMZZ	DIODE MBR340RL MOTOROLA	S	AA	AE
D 0715	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0716	RH-EX0412BMZZ	ZENER DIODE BZX79C7V5	S	AA	AB
D 0718	RH-DX0589BMZZ	DIODE MBR3100RL	S	AC	AF
D 0719	RH-DX0589BMZZ	DIODE MBR3100RL	S	AC	AF
D 0720	RH-DX0587BMZZ	DIODE MR826 PREFORM C6.3	S	AH	AP
D 0721	RH-EX0550BMZZ	ZENER DIODE TZMC8V2 TFK SMD	S	AA	AA
D 0722	RH-DX0590BMZZ	DIODE MBR1100RL MOTOROLA	S	AD	AE
D 0724	RH-EX0538BMZZ	ZENER DIODE TZMC2V7 TFK SMD	S	AA	AA
D 0725	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0726	RH-EX0554BMZZ	ZENER DIODE TZMC12 TFK SMD	S	AA	AA
D 0727	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0728	RH-EX0545BMZZ	ZENER DIODE TZMC5V1 TFK SMD	S	AA	AA
D 0729	RH-EX0568BMZZ	ZENER DIODE TZMC47 TFK SMD	S	AA	AA
D 0730	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0731	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA
D 0732	RH-EX0556BMZZ	ZENER DIODO TZMC15 TFK SMD	S	AA	AA
D 0733	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 0734	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA
D 0735	RH-EX0875BMZZ	DIODE BZW04-145=170V FAGOR	S	AA	AD
D 1003	RH-DX0606BMZZ	DIODE BAS85 PHILIPS SMD	S	AA	AB
D 1004	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA
D 1005	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA
D 1006	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA
D 1007	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA
D 1008	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA
D 1009	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 1012	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA
D 2401	RH-EX0539BMZZ	ZENER DIODE TZMC3V0 TFK SMD	S	AA	AA
		PACKAGED CIRCUITS			
POR0701	RMPTP0001BMZZ	PTC B59250-C1080-B70 **(For Philips CRT)**	S	AA	AD
POR0701	RMPTP0002BMZZ	PTC 18 OHM B59450-C1080-B70 **(For Thomson CRT)**	S	AB	AE
X 0301	RCRSB0203BMZZ	CRYSTAL 18,432 MHZ	S	AD	AG
X 1002	RCRSB0200BMZZ	CRYSTAL 17,734 MHZ	S	AD	AG
X 2401	RCRSB0214BMZZ	CRYSTAL 20.48 MHZ SEL	S	AD	AH
		COILS			
L 0201	VP-DF120K0000	PEAK COIL 12UH 10%	S	AA	AA
L 0202	VP-NM150KR63N	COIL 15UH SMD	S	AB	AC
L 0203	VP-CF6R8K0000	PEAK COIL 6.8UH 10%	S	AA	AA
L 0204	RCILP0229BMZZ	COIL SMD 610NH LQN1HR61J	S	AA	AD
L 0205	RCILP0229BMZZ	COIL SMD 610NH LQN1HR61J	S	AA	AD

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
L 0301	VP-DF100K0000	PEAK COIL 10UH 10%	S	AA	AA
L 0315	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
L 0316	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
L 0350	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
L 0351	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
L 0352	RCILP0278BMZZ	COIL A823LY-680K TOKO	S	AA	AD
L 0353	RCILP0278BMZZ	COIL A823LY-680K TOKO	S	AA	AD
L 0501	RCILP0271BMZZ	COIL BC-400/K DIEMEN	S	AD	AG
L 0502	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
L 0503	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
L 0601	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 0603	RCILP0262BMZZ	COIL HR18008.00 DIEMEN **(For Philips CRT)**	S	AD	AG
L 0603	RCILP0286BMZZ	COIL BR-0602/A DIEMEN **(For Thomson CRT)**	S	AB	AG
L 0604	RCILP0295BMZZ	COIL INNER HR-6F10 18023-00 16:9 100HZ	S	AC	AK
L 0605	RCILZ0722BMZZ	LINEAR.COIL HR4F3 13047-00 28"16:9 100HZ	S	AE	AP
L 0612	RH-DX0561BMZZ	DIODE RGP15J FAGOR	S	AC	AD
L 0705	RCILP0285BMZZ	COIL PCV1620-500K DIONIX	S	AB	AF
L 0803	QFS-J1521CEZZ	FUS.1,5A/125V LITTELFUSE	S	AC	AD
L 2401	VP-DF3R3K0000	PEAK COIL 3,3UH 10%	S	AB	AB
L 2402	VP-DF100K0000	PEAK COIL 10UH 10%	S	AA	AA
L 609A	VRN-VV3AB1R0J	MET FILM R 1 OHM 5% 1W	S	AA	AA
		CERAMIC FILTERS			
CF 0202	RFILC0020CEZZ	FILTER SIF TRAP (TAPED)	S	AE	AE
CF 0701	RFILC0121GEZZ	FILTER CST8.00MTW MURATA	S	AC	AD
SF 0201	RFILC0278BMZZ	SAW FILTER K3953M SIEMENS	S	AK	AM
SF 0202	RFILC0286BMZZ	FILTER K9356M SIEMENS	S	AC	AG
SF 0203	RFILC0289BMZZ	SAW FILTER L9354M SIEMENS	S	AC	AK
		TRANSFORMERS			
⚠ **T 0601**	RTRNF2071BMZZ	FBT 66688-02 OREGA **(For Philips CRT)**	S	AP	BA
⚠ **T 0601**	RTRNF2084BMZZ	FBT 100Hz **(For THOMSON CRT)**	S	BA	AQ
⚠ T 0701	RTRNZ0577BMZZ	CHOPPER 16:9 100HZ THOMSON	S	AF	AQ
		CAPACITORS			
C 0203	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 0204	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
C 0205	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	AC
C 0206	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
C 0207	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0208	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	AA
C 0209	VCEAGA1CW107M	ELEC C 100UF 20% 16V	S	AA	AA
C 0211	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S	AA	AA
C 0212	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
C 0213	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
C 0214	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0215	VCEAGA1AW477M	ELEC C 470UF 20% 10V	S	AA	AB
C 0216	VCCCTV1HH270J	CERAM C 27PF 50V 2125SMD	S	AA	AA
C 0217	VCCCTV1HH221J	CERAM C 220PF 50V 2125SMD	S	AA	AA
C 0218	VCEAGA1AW107M	ELEC C 100UF 20% 10V	S	AA	AA
C 0219	VCEAGA1HW105M	ELEC C 1UF 20% 50V	S	AA	AA
C 0220	VCEAGA1HW105M	ELEC C 1UF 20% 50V	S	AA	AA
C 0221	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
C 0222	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
C 0223	VCKYTV1HF333Z	CERAM C 33NF 50V 2125SMD	S	AA	AA
C 0224	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0225	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0226	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0227	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0228	VCCWPA2HL8R2C	C 8,2PF 0,25 N1500 500V	S	AA	AB
C 0305	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
C 0306	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
C 0309	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
C 0310	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
C 0311	VCEAGA1AW337M	ELEC C 330UF 20% 10V	S	AA	AA
C 0312	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 0313	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
C 0314	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
C 0315	VCEAGA1HW335M	ELEC C 3,3UF 20% 50V	S	AA	AA
C 0316	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 0317	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 0318	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 0319	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
C 0320	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA

	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
	C 0321	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0322	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0323	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0324	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0325	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0326	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
	C 0327	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0328	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0329	VCCCPA1HH470J	CERAM C 47PF 5% 50V	S	AA	AA
	C 0330	VCCCTV1HH470J	CERAM C 47PF 50V 2125SMD	S	AA	AA
	C 0331	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0332	VCEAGA1AW337M	ELEC C 330UF 20% 10V	S	AA	AA
	C 0333	VCCCTV1HH470J	CERAM C 47PF 50V 2125SMD	S	AA	AA
	C 0334	VCCCTV1HH5R0C	CERAM C 5PF 50V 2125SMD	S	AA	AA
	C 0335	VCCCTV1HH5R0C	CERAM C 5PF 50V 2125SMD	S	AA	AA
	C 0336	VCCCTV1HH471J	CERAM C 470PF 50V 2125SMD	S	AA	AA
	C 0337	VCCCTV1HH471J	CERAM C 470PF 50V 2125SMD	S	AA	AA
	C 0338	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0339	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0340	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
	C 0341	RC-FZ4224BMNJ	POL FILM C 220nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0342	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S	AA	AA
	C 0343	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S	AA	AA
	C 0350	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0351	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S	AA	AA
	C 0352	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0353	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0354	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0356	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0357	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
	C 0358	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0359	VCKYTV1HB472K	CERAM C 4,7NF 50V 2125SMD	S	AA	AA
	C 0360	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S	AA	AA
	C 0361	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	AC
	C 0362	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
	C 0363	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S	AA	AA
	C 0364	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0365	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S	AA	AA
	C 0366	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0367	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0368	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0369	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0370	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0371	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
	C 0372	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
	C 0373	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0374	VCKYTV1HB472K	CERAM C 4,7NF 50V 2125SMD	S	AA	AA
	C 0375	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S	AA	AA
	C 0376	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	AC
	C 0377	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
	C 0378	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S	AA	AA
	C 0379	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0380	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	AA
	C 0381	RC-FZ4684BMNJ	POL FILM C 680nF 50V 5% ECQ-V PANASONIC	S	AA	AC
	C 0382	RC-FZ4684BMNJ	POL FILM C 680nF 50V 5% ECQ-V PANASONIC	S	AA	AC
	C 0383	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
	C 0401	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0402	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
	C 0403	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0406	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
	C 0408	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
	C 0409	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0410	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
	C 0411	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0412	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0413	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0414	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
	C 0415	VCEAGA1HW476M	ELEC C 47UF 20% 50V	S	AA	AA
	C 0416	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0417	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0418	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
	C 0419	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
	C 0420	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0421	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0422	VCEAGA1AW476M	ELEC C 47UF 20% 10V	S	AA	AA
	C 0427	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
	C 0430	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0431	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0432	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S	AA	AA
	C 0433	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S	AA	AA
	C 0434	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
	C 0435	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
	C 0436	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
	C 0438	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0439	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0440	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0441	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0442	VCCCTV1HH330J	CERAM C 33PF 50V 2125SMD	S	AA	AA
	C 0444	VCCCTV1HH680J	CERAM C 68PF 50V 2125SMD	S	AA	AA
	C 0445	VCCCTV1HH680J	CERAM C 68PF 50V 2125SMD	S	AA	AA
	C 0446	VCCCTV1HH680J	CERAM C 68PF 50V 2125SMD	S	AA	AA
	C 0451	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S	AA	AA
	C 0501	VCEAGA1EW477M	ELEC C 470UF 20% 25V	S	AA	AB
	C 0502	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0503	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0504	RC-FZ4684BMNJ	POL FILM C 680nF 50V 5% ECQ-V PANASONIC	S	AA	AC
	C 0505	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0506	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0507	VCKYTV1HB472K	CERAM C 4,7NF 50V 2125SMD	S	AA	AA
	C 0508	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S	AA	AA
	C 0509	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S	AA	AA
	C 0510	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0511	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
	C 0512	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
	C 0514	RC-FZ4183BMNJ	POL FILM C 18NF 50V 5% ECQ-B PANASONIC	S	AA	AA
	C 0515	VCCCTV1HH221J	CERAM C 220PF 50V 2125SMD	S	AA	AA
	C 0516	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
	C 0517	VCKYTV1HB273K	CERAM C 27NF 50V 2125SMD	S	AA	AA
	C 0518	VCCCTV1HH100D	CERAM C 10PF 50V 2125SMD	S	AA	AA
	C 0520	VCEAGA1VW477M	ELEC C 470UF 20% 35V	S	AA	AC
	C 0522	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0523	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
	C 0524	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
	C 0525	VRS-TV1JD562J	2125 5,6KOHM 5% 1/10W SMD	S	AA	AA
	C 0526	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S	AA	AA
	C 0527	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0528	VCEAGA2AW106M	ELEC C 10UF 20% 100V	S	AA	AA
	C 0529	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
	C 0530	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
	C 0534	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
	C 0540	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
	C 0601	RC-FZ0152BMZZ	POL C B32650 12NF 1,5KV **(For Philips CRT)**	S	AC	AD
	C 0601	RC-FZ0185BMZZ	C 11NF 1600V **(For Thomson CRT)**	S	AA	AD
	C 0606	VCKYTV1HB683K	CERAM C 68NF 50V 2125SMD	S	AA	AA
	C 0607	VCEAGA1AW337M	ELEC C 330UF 20% 10V	S	AA	AA
	C 0610	RC-FZ0186BMZZ	C 22NF 630V 222237514223 PHILIPS	S	AA	AD
	C 0611	RC-FZ7564BMNJ	PP FILM C 560NF 5% 400V	S	AB	AE
	C 0613	RC-FZ7824BMNJ	FILM PP C 820NF 5% 400V	S	AG	AK
	C 0615	VCEAGA1EW477M	ELEC C 470UF 20% 25V	S	AA	AB
	C 0616	VCEAGA1VW477M	ELEC C 470UF 20% 35V	S	AA	AC
	C 0618	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	AC
	C 0619	VCEA4A2CN225M	C UVZ2C2R2MEH1TA NICHICON	S	AA	AB
	C 0620	VCEA4A2CN225M	C UVZ2C2R2MEH1TA NICHICON	S	AA	AB
	C 0631	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	AC
	C 0633	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
	C 0635	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
	C 0637	VCKYPA2HB222K	CERAM C 2,2NF 10% 500V	S	AA	AA
	C 0639	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
	C 0640	VCKYTV1HB222K	CERAM C 2,2NF 50V 2125SMD	S	AA	AA
	C 0644	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S	AA	AA
	C 0645	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S	AA	AA
⚠	C 0701	RC-FZ0160BMZZ	C B81133-D1474-M 470nF 275V SIEMENS	S	AC	AF
	C 0702	RC-FZ0173BMZZ	POL C 47NF 400V PHIL.365	S	AN	AZ
	C 0703	RC-KZ0165BMZZ	CERAM C DE0905-979E332ZAC250	S	AA	AB
	C 0704	RC-KZ0165BMZZ	CERAM C DE0905-979E332ZAC250	S	AA	AB
	C 0705	RC-EZ0141BMZZ	ELEC C 68UF 450V	S	AD	AL
	C 0706	VCEAGA1CW226M	ELEC C 22UF 20% 16V	S	AA	AA
	C 0707	VCEAGA1CW107M	ELEC C 100UF 20% 16V	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
C 0710	RC-FZ0156BMZZ	C B32529-B6473K 47nF 400V SIEMENS	S	AD	AE
C 0711	RC-KZ0035CEZZ	CERAM C 220PF 2KV	S	AA	AC
C 0712	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
C 0713	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
C 0714	RC-FZ4823BMNJ	POL FILM C 82nF 50V 5% ECQ-B PANASONIC	S	AA	AB
C 0715	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA
C 0716	VCKYTV1HB332K	CERAM C 3,3NF 50V 2125SMD	S	AA	AA
C 0717	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
C 0718	VCEAGA1EW108M	ELEC C 1000UF 20% 25V	S	AD	AD
C 0719	VCEAGA1EW108M	ELEC C 1000UF 20% 25V	S	AD	AD
C 0720	RC-EZ0258CEZZ	ELEC C 100MF 200V	S	AC	AK
C 0721	VCEAHA1VN477M	ELEC 470UF 20% 35V 105ºC	S	AA	AA
C 0722	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 0723	VCEAGA1AW228M	ELEC C 2200UF 20% 10V	S	AA	AD
C 0724	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S	AA	AA
C 0725	VCKYTV1HB472K	CERAM C 4,7NF 50V 2125SMD	S	AA	AA
C 0728	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 0730	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0731	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0732	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0733	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 0735	VCKYTV1HB272K	CERAM C 2,7NF 50V 2125SMD	S	AA	AB
C 0737	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S	AA	AA
C 0738	VCCCTV1HH560J	CERAM C 56PF 50V 2125SMD	S	AA	AA
C 0739	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S	AA	AA
C 0740	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	AA
C 0741	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 0742	VCKYTV1HB683K	CERAM C 68NF 50V 2125SMD	S	AA	AA
C 0743	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 0749	VCKYTV1CF474Z	CERAM C 470NF 16V 2125SMD	S	AA	AA
C 0770	RC-KZ0106GEZZ	CERAM C DE1410 E332M-KX	S	AB	AC
C 0821	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
C 1001	VCEAGA0JW477M	ELEC C 470UF 20% 6,3V	S	AA	AA
C 1002	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 1005	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 1014	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 1017	VCKYTV1HF333Z	CERAM C 33NF 50V 2125SMD	S	AA	AA
C 1018	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 1019	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
C 1020	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
C 1021	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 1022	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 1026	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 1027	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S	AA	AA
C 1028	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 1030	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA
C 1031	VCKZPA1HF103Z	CERAM C 10NF % 50V	S	AA	AA
C 1032	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
C 1033	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S	AA	AA
C 2401	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
C 2402	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
C 2403	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 2404	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 2405	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
C 2406	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 2407	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
C 2408	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
		RESISTORS			
R 0203	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0204	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0205	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S	AA	AA
R 0208	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0209	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S	AA	AA
R 0210	VRS-TV1JD152J	2125 1.5KOHM 5% 1/10W SMD	S	AA	AA
R 0211	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0215	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0216	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA
R 0217	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA
R 0219	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0220	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0226	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 0229	VRD-RA2HD822J	RES 8,2KOHM 5% 1/2W	S	AA	AA
R 0230	VRD-RA2HD822J	RES 8,2KOHM 5% 1/2W	S	AA	AA
R 0231	VRD-RA2HD822J	RES 8,2KOHM 5% 1/2W	S	AA	AA
R 0232	VRD-RA2BE561J	RES 560 OHM 5% 1/8W	S	AA	AA
R 0233	VRD-RA2BE561J	RES 560 OHM 5% 1/8W	S	AA	AA
R 0234	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
R 0235	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S	AA	AA
R 0236	VRS-TV1JD562J	2125 5,6KOHM 5% 1/10W SMD	S	AA	AA
R 0237	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA
R 0240	VRS-TV1JD224J	2125 220KOHM 5% 1/10W SMD	S	AA	AA
R 0241	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0242	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0243	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0244	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S	AA	AA
R 0245	VRS-TV1JD152J	2125 1.5KOHM 5% 1/10W SMD	S	AA	AA
R 0246	VRS-TV1JD224J	2125 220KOHM 5% 1/10W SMD	S	AA	AA
R 0247	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0248	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 0251	VRS-TV1JD683J	2125 68KOHM 5% 1/10W SMD	S	AA	AA
R 0252	VRS-TV1JD183J	2125 18KOHM 5% 1/10W SMD	S	AA	AA
R 0259	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 0301	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0302	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0303	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0304	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0306	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
R 0307	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
R 0308	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0309	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S	AA	AA
R 0310	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0311	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0312	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S	AA	AA
R 0313	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0314	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0315	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
R 0316	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 0317	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 0318	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0319	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0320	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0321	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0322	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0323	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0350	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0351	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	AA
R 0352	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0353	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA
R 0354	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0355	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	AA
R 0356	VRS-TV1JD123J	2125 12KOHM 5% 1/10W SMD	S	AA	AA
R 0357	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA
R 0358	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0359	VRD-RA2BE104J	RES 100KOHM 5% 1/8W	S	AA	AA
R 0360	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0361	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0362	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 0363	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 0372	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0373	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0374	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0375	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0376	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 0377	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S	AA	AA
R 0378	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S	AA	AA
R 0402	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 0403	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0404	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0405	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0406	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0408	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S	AA	AA
R 0409	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 0410	VRS-TV1JD223F	2125 22KOHM 1% 1/10W SMD	S	AA	AA
R 0412	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0413	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0414	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0415	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
R 0416	VRS-TV1JD223F	2125 22KOHM 1% 1/10W SMD	S	AA	AA
R 0418	VRD-RA2HD680J	RES 68 OHM 5% 1/2W	S	AA	AA
R 0419	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S	AA	AA
R 0420	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S	AA	AA
R 0421	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 0422	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 0423	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 0424	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S	AA	AA
R 0425	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S	AA	AA
R 0426	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S	AA	AA
R 0427	VRS-TV1JD820J	2125 82 OHM 5% 1/10W SMD	S	AA	AA
R 0428	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0429	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0430	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0431	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0432	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0433	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0434	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0435	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0436	RR-XZ0112BMZZ	FUS RES 10R TAP 5% 1/3W	S	AA	AB
R 0437	VRS-TV1JD471J	2125 470 OHM 5% 1/10W SMD	S	AA	AA
R 0445	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0447	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 0448	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 0450	VRS-TV1JD220J	2125 22 OHM 5% 1/10W SMD	S	AA	AA
R 0451	VRD-RA2HD221J	RES 220 OHM 5% 1/2W	S	AA	AA
R 0452	VRS-TV1JD223F	2125 22KOHM 1% 1/10W SMD	S	AA	AA
R 0453	VRS-TV1JD183F	2125 18KOHM 1% 1/10W SMD	S	AA	AA
R 0454	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA
R 0455	VRD-RA2BE103J	RES 10KOHM 5% 1/8W	S	AA	AA
R 0456	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S	AA	AA
R 0458	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0459	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0460	VRS-TV1JD183F	2125 18KOHM 1% 1/10W SMD	S	AA	AA
R 0461	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0462	VRS-TV1JD183F	2125 18KOHM 1% 1/10W SMD	S	AA	AA
R 0463	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0464	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S	AA	AA
R 0465	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0466	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0467	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S	AA	AA
R 0468	VRS-TV1JD330J	2125 33 OHM 5% 1/10W SMD	S	AA	AA
R 0469	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 0470	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 0472	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 0501	VRD-RA2HD151J	RES 150 OHM 5% 1/2W	S	AA	AA
R 0502	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	AA
R 0503	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S	AA	AA
R 0504	VRS-TV1JD393J	2125 39KOHM 5% 1/10W SMD	S	AA	AA
R 0505	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	AA
R 0506	VRS-TQ2BD121J	OX RE 120 OHM 5% 1/8W SMD	S	AA	AA
R 0507	VRS-TV1JD822J	2125 8,2KOHM 5% 1/10W SMD	S	AA	AA
R 0508	VRD-RA2BE681J	RES 680 OHM 5% 1/8W	S	AA	AA
R 0509	VRS-TV1JD393J	2125 39KOHM 5% 1/10W SMD	S	AA	AA
R 0510	VRS-TV1JD822J	2125 8,2KOHM 5% 1/10W SMD	S	AA	AA
R 0511	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA
R 0512	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	AA
R 0513	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0514	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S	AA	AA
R 0515	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S	AA	AA
R 0516	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0517	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S	AA	AA
R 0518	VRN-VV3DB1R5J	MET FILM R 1,5 OHM 5% 2W **(For Philips CRT)**	S	AA	AA
R 0518	VRN-VV3DB1R8J	MET FILM R 1,8 OHM 5% 2W **(For Thomson CRT)**	S	AA	AA
R 0519	VRD-RA2HD104J	RES 100KOHM 5% 1/2W	S	AA	AA
R 0521	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0522	VRS-TV1JD331J	2125 330 OHM 5% 1/10W SMD	S	AA	AA
R 0524	VRS-TV1JD820J	2125 82 OHM 5% 1/10W SMD	S	AA	AA
R 0526	VRD-RA2BE332J	RES 3,3KOHM 5% 1/8W	S	AA	AA
R 0527	VRS-TV1JD561J	2125 560 OHM 5% 1/10W SMD	S	AA	AA
R 0528	VRS-TV1JD393J	2125 39KOHM 5% 1/10W SMD	S	AA	AA
R 0530	RR-XZ0200BMZZ	FUS RES 1R0 TAP 5% 1/2W	S	AA	AB
R 0532	VRS-TV1JD562J	2125 5,6KOHM 5% 1/10W SMD	S	AA	AA
R 0533	VRD-RA2EE821J	RES 820 OHM 5% 1/4W	S	AA	AA
R 0534	VRD-RA2BE273J	RES 27KOHM 5% 1/8W	S	AA	AA
R 0535	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S	AA	AA
R 0537	VRS-TV1JD822J	2125 8,2KOHM 5% 1/10W SMD	S	AA	AA
R 0538	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	AA
R 0539	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S	AA	AA
R 0540	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 0544	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0545	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 0547	VRS-TV1JD392J	2125 3.9KOHM 5% 1/10W SMD	S	AA	AA
R 0548	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S	AA	AA
R 0549	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	AA
R 0552	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA
R 0553	RR-XZ0101BMZZ	FUS RES 1R2 TAP 5% 1/3W	S	AA	AB
R 0561	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0562	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0603	VRD-RA2BE331J	RES 330 OHM 5% 1/8W	S	AA	AA
R 0604	VRN-VV3ABR33J	MET FILM R .33 OHM 5% 1W	S	AA	AA
R 0605	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	AA
R 0606	VRS-VV3AB102J	MET OX RES 1KOHM 5% 1W	S	AA	AA
R 0607	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S	AA	AA
R 0608	VRD-RA2EE330J	RES 33 OHM 5% 1/4W	S	AA	AA
R 0610	RR-XZ0208BMZZ	FUS RES 4R7 TAP 5% 1/2W	S	AA	AA
R 0611	VRS-VV3DB561J	MET OX RES 560 OHM 5% 2W	S	AA	AA
R 0613	VRS-LU3LB332J	SET MET OX R 3,3KOHM 5% 3W LW	S	AA	AB
R 0614	VRD-RA2HD103J	RES 10KOHM 5% 1/2W	S	AA	AA
R 0615	VRS-TV1JD561J	2125 560 OHM 5% 1/10W SMD	S	AA	AA
R 0616	VRN-VV3DBR56J	MET FILM R .56 OHM 5% 2W **(For Philips CRT)**	S	AA	AB
R 0616	VW7UGB0-030KK	JUMPER **(For Thomson CRT)**	S	AA	AA
R 0617	RR-XZ0204BMZZ	FUS RES 2R2 TAP 5% 1/2W	S	AA	AB
R 0623	VRN-VV3LBR56J	MET FILM R 0,56 OHM 5% 3W	S	AA	AB
R 0625	VRS-TQ2BD181J	OX RE 180 OHM 5% 1/8W SMD	S	AA	AA
R 0627	VRS-TQ2BD181J	OX RE 180 OHM 5% 1/8W SMD	S	AA	AA
R 0628	VRD-RA2EE330J	RES 33 OHM 5% 1/4W	S	AA	AA
R 0634	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 0641	VRD-RA2HD470J	RES 47 OHM 5% 1/2W	S	AA	AA
R 0647	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 0650	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S	AA	AA
R 0703	VRD-RA2HD154J	RES 150KOHM 5% 1/2W	S	AA	AA
R 0706	VRS-TV1JD203J	2125 20KOHM 5% 1/10W SMD	S	AA	AA
R 0707	VRS-TV1JD912J	2125 9.1KOHM 5% 1/10W SMD	S	AA	AA
R 0708	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0711	VRS-TV1JD182J	2125 1,8KOHM 5% 1/10W SMD	S	AA	AA
R 0712	VRS-TV1JD331J	2125 330 OHM 5% 1/10W SMD	S	AA	AA
R 0713	VRC-MA2HG564J	SOLID R 560KOHM 5% 1/2W	S	AA	AA
R 0714	VRC-MA2HG564J	SOLID R 560KOHM 5% 1/2W	S	AA	AA
R 0715	VRW-KS3HC473J	WOUND RES 47KOHM 5% 5W	S	AA	AE
R 0716	VRN-VV3DBR18K	MET FILM R .18 OHM 10% 2W	S	AA	AB
R 0717	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S	AA	AA
R 0718	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	AA
R 0719	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 0720	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0721	VRD-RA2HD154J	RES 150KOHM 5% 1/2W	S	AA	AA
R 0722	VRS-TV1JD330J	2125 33 OHM 5% 1/10W SMD	S	AA	AA
R 0723	VRS-VV3AB271J	MET OX RES 270 OHM 5% 1W	S	AA	AA
R 0724	VRS-TQ2BD220J	OX RE 22 OHM 5% 1/8W SMD	S	AA	AA
R 0727	VRD-RA2HD181J	RES 180 OHM 5% 1/2W	S	AA	AA
R 0728	VRD-RA2HD181J	RES 180 OHM 5% 1/2W	S	AA	AA
R 0730	VRS-VV3DB151J	MET OX RES 150 OHM 5% 2W	S	AA	AA
R 0733	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0735	VRS-TV1JD474J	2125 470KOHM 5% 1/10W SMD	S	AA	AA
R 0736	VRS-TV1JD474J	2125 470KOHM 5% 1/10W SMD	S	AA	AA
R 0737	VRS-TV1JD184J	2125 180KOHM 5% 1/10W SMD	S	AA	AA
R 0738	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0739	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0740	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0741	VRC-UA2HG825K	SOLID R 8,2MOHM 10% 1/2W	S	AA	AA
R 0742	VRC-UA2HG825K	SOLID R 8,2MOHM 10% 1/2W	S	AA	AA
R 0743	VRS-TQ2BD473F	OX RE 47KOHM 1% 1/8W	S	AA	AA
R 0744	VRS-TQ2BD473F	OX RE 47KOHM 1% 1/8W	S	AA	AA
R 0745	VRS-TV1JD182F	2125 1,8KOHM 1% 1/10W SMD	S	AA	AA
R 0746	VRS-TV1JD183J	2125 18KOHM 5% 1/10W SMD	S	AA	AA
R 0747	VRS-TV1JD272J	2125 2,7KOHM 5% 1/10W SMD	S	AA	AA
R 0748	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 0750	VRS-TV1JD334J	2125 330KOHM 5% 1/10W SMD	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
R 0751	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 0754	VRS-TV1JD2R7J	2125 2,7 OHM 5% 1/10W SMD	S	AA	AA
R 0755	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S	AA	AA
R 0758	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 0762	VRS-TQ2BD221J	OX RE 220 OHM 5% 1/8W SMD	S	AA	AA
R 0763	RR-XZ0224BMZZ	FUS RES 100R TAP 5% 1/2W	S	AA	AB
R 0765	VRS-TQ2BD101J	OX RE 100 0HM 5% 1/8W SMD	S	AA	AA
R 0766	VRS-TQ2BD101J	OX RE 100 0HM 5% 1/8W SMD	S	AA	AA
R 0767	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 0768	VRS-TQ2BD221J	OX RE 220 OHM 5% 1/8W SMD	S	AA	AA
R 0769	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S	AA	AA
R 0770	RR-XZ0229BMZZ	FUS RES 270R TAP 5% 1/2W	S	AA	AA
R 0771	VRS-VV3AB474J	MET OX RES 470KOHM 5% 1W	S	AA	AA
R 0774	VRS-TQ2BD474J	OX RE 470KOHM 5% 1/8W SMD	S	AA	AA
R 0775	VRS-TQ2BD474J	OX RE 470KOHM 5% 1/8W SMD	S	AA	AA
R 0776	VRS-TV1JD823J	2125 82KOHM 5% 1/10W SMD	S	AA	AA
R 0777	VRS-TV1JD470J	2125 47 OHM 5% 1/10W SMD	S	AA	AA
R 0787	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 0788	VRS-TV1JD183J	2125 18KOHM 5% 1/10W SMD	S	AA	AA
R 0789	VRS-TV1JD183J	2125 18KOHM 5% 1/10W SMD	S	AA	AA
R 0790	VRD-RA2BE183J	RES 18KOHM 5% 1/8W	S	AA	AA
R 0791	VRD-RA2BE183J	RES 18KOHM 5% 1/8W	S	AA	AA
R 0792	VRD-RA2BE682J	RES 6,8KOHM 5% 1/8W	S	AA	AA
R 1001	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S	AA	AA
R 1002	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S	AA	AA
R 1003	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S	AA	AA
R 1004	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S	AA	AA
R 1005	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 1017	VRS-TV1JD122J	2125 1,2KOHM 5% 1/10W SMD	S	AA	AA
R 1017	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S	AA	AA
R 1018	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
R 1019	VRD-RA2BE332J	RES 3,3KOHM 5% 1/8W	S	AA	AA
R 1020	VRD-RA2BE332J	RES 3,3KOHM 5% 1/8W	S	AA	AA
R 1021	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 1022	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
R 1023	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 1024	VRS-TV1JD822J	2125 8,2KOHM 5% 1/10W SMD	S	AA	AA
R 1025	VRS-TV1JD822J	2125 8,2KOHM 5% 1/10W SMD	S	AA	AA
R 1026	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 1027	VRD-RA2BE103J	RES 10KOHM 5% 1/8W	S	AA	AA
R 1028	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 1029	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 1030	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 1031	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 1032	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	AA
R 1033	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 1035	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 1036	VRD-RA2BE472J	RES 4,7KOHM 5% 1/8W	S	AA	AA
R 1037	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 1038	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 1040	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 1041	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 1042	VRS-TV1JD822J	2125 8,2KOHM 5% 1/10W SMD	S	AA	AA
R 1043	VRS-TV1JD822J	2125 8,2KOHM 5% 1/10W SMD	S	AA	AA
R 1044	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 1045	VRS-TV1JD822J	2125 8,2KOHM 5% 1/10W SMD	S	AA	AA
R 1046	VRS-TV1JD182J	2125 1,8KOHM 5% 1/10W SMD	S	AA	AA
R 1047	VRD-RA2BE103J	RES 10KOHM 5% 1/8W	S	AA	AA
R 1048	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S	AA	AA
R 1049	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 1050	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S	AA	AA
R 1051	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S	AA	AA
R 1052	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 1053	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 1054	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 1055	VRD-RA2BE474J	RES 470KOHM 5% 1/8W	S	AA	AA
R 1056	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
R 1057	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 1058	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
R 1059	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
R 1060	VRS-TV1JD123J	2125 12KOHM 5% 1/10W SMD	S	AA	AA
R 2401	VRS-TV1JD471J	2125 470 OHM 5% 1/10W SMD	S	AA	AA
R 2402	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 2403	VRS-TV1JD152J	2125 1.5KOHM 5% 1/10W SMD	S	AA	AA
R 2404	VRS-TV1JD560J	2125 56 OHM 5% 1/10W SMD	S	AA	AA
R 2405	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 2406	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	AA
R 2407	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	AA
R 2408	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S	AA	AA
R 2409	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S	AA	AA
R 2410	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 2411	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 2412	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 619A	VRS-VV3DB561J	MET OX RES 560 OHM 5% 2W	S	AA	AA
R 619B	VRS-VV3DB561J	MET OX RES 560 OHM 5% 2W	S	AA	AA
		MISCELLANEOUS PARTS			
(AA)	QCNCM0672FCZZ	CONN B2P3-VH JST	S	AA	AB
(AV)	QPLGN0241CEZZ	PLUG	S	AA	AA
(AV1)	QPLGN0241CEZZ	PLUG	S	AA	AA
(CC)	QPLGN0241CEZZ	PLUG	S	AA	AA
(CN1)	QSOCZ2109BMZZ	TWIN SCART HR-DG1311G-0	S	AG	AK
(CN2)+B12	QSOCZ2107BMZZ	SOCKET	S	AF	AE
(CV1)	QPLGN0241CEZZ	PLUG	S	AA	AA
(EW)	QPLGN0241CEZZ	PLUG	S	AA	AA
(F)	QPLGN1505BMZZ	HEADER 4+1 JST B05B-DVS-L	S	AA	AC
(FV)	QPLGN0241CEZZ	PLUG	S	AA	AA
(G)	QPLGN0207CEZZ	PLUG	S	AA	AA
(H)	QPLGN0541CEZZ	PLUG	S	AA	AA
(K)	QSOCN0869CEZZ	SOCKET	S	AA	AD
(OP)	QPLGN0341CEZZ	PLUG	S	AA	AA
(PW)	QCNCM0672FCZZ	CONN B2P3-VH JST	S	AA	AB
(RC)	QPLGN0341CEZZ	PLUG	S	AA	AA
(RG)	QPLGN0441CEZZ	PLUG 4PIN	S	AA	AA
(RT)	QPLGN0241CEZZ	PLUG	S	AA	AA
(SP)	QPLGN0441CEZZ	PLUG 4PIN	S	AA	AA
(SS)	QPLGN0341CEZZ	PLUG	S	AA	AA
(ST)	QPLGN0341CEZZ	PLUG	S	AA	AA
(SW1)	QPLGN0341CEZZ	PLUG	S	AA	AA
(SW2)	QPLGN0341CEZZ	PLUG	S	AA	AA
(YA)	QSOCN1285CEZZ	SOCKET	S	AA	AD
(YB)	QSOCN1285CEZZ	SOCKET	S	AA	AD
(YC)	QSOCN1285CEZZ	SOCKET	S	AA	AD
FB 0301	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB
FB 0302	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB
FB 0303	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB
FB 0501	RBLN-0020CEZZ	BALUNE	S	AA	AB
FB 0603	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB
FB 0701	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB
FB 0702	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB
FB 0703	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB
FB 0705	RBLN-0020CEZZ	BALUNE	S	AA	AB
FB 1001	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	AA
FB 1002	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB
HD	QPLGN0341CEZZ	PLUG	S	AA	AA
J 0002	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0013	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
J 0065	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0098	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0126	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0218	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0219	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0220	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0240	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0248	VRD-RA2HD221J	RES 220 OHM 5% 1/2W	S	AA	AA
J 0279	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0281	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0283	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
J 0286	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0289	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0294	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0302	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0310	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0313	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0335	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0336	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0338	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0339	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0341	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0342	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0350	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0360	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0361	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
J 0701	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
JF 0003	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 0020	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 0022	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 0039	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 0046	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 0047	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 0052	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 1001	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 1005	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 1007	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 1008	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JL 0012	QCNW-2736BMZZ	WIRE 1 WAY	S	AB	AF
JL 0014	QCNW-2736BMZZ	WIRE 1 WAY	S	AB	AF
L 0002	QTIPM0017CEFM	TIP	S	AA	AA
L 0005	QTIPM0017CEFM	TIP	S	AA	AA
L 0006	QTIPM0017CEFM	TIP	S	AA	AA
MO	QPLGN0441CEZZ	PLUG 4PIN	S	AA	AA
T 0702	VHDBTW34F//-1	DIODE BT134W-500 PHILIPS	S	AD	AE
IC 1002	QSOCZ0115SC32	SOCKET IC 32 PIN	S	AA	AB
PWB-B		**TRC UNIT**			
		INTEGRATED CIRCUITS			
IC 0850	VHITDA6111Q-1	IC TDA6111Q PHILIPS	S	AH	AQ
IC 0851	VHITDA6111Q-1	IC TDA6111Q PHILIPS	S	AH	AQ
IC 0852	VHITDA6111Q-1	IC TDA6111Q PHILIPS	S	AH	AQ
IC 1601	RH-IX1596BMZZ	IC OPAM BA10358 ROHM	S	AA	AD
		TRANSISTORS			
Q 0851	VS2SA1246//1E	TRT A1246 SANYO	S	AA	AB
Q 0854	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S	AA	AB
Q 1603	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S	AA	AB
Q 1604	RH-TX0143BMZZ	TRT TBC 557-B TOSHIBA	S	AA	AA
Q 5405	RH-TX0111BMZZ	TRT PH-2369 PHILIPS	S	AA	AB
Q 5406	RH-TX0135BMZZ	TRT BF324 PH	S	AB	AC
Q 5407	VS2SA1837//-1	TRT A1837 TOSHIBA	S	AB	AE
Q 5408	VS2SC4793//-1	TRT C4793 TOSHIBA	S	AB	AE
Q 5411	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S	AA	AB
Q 5412	RH-TX0143BMZZ	TRT TBC 557-B TOSHIBA	S	AA	AA
Q 5414	RH-TX0108BMZZ	TRT BC635	S	AA	AC
Q 5415	RH-TX0112BMZZ	TRT BC636	S	AA	AB
		DIODES			
D 0851	RH-DX0045BMZZ	DIODE 1N4148	S	AA	AA
D 0852	RH-DX0045BMZZ	DIODE 1N4148	S	AA	AA
D 0861	RH-DX0501BMZZ	DIODE 1N4004	S	AA	AA
D 0862	RH-DX0501BMZZ	DIODE 1N4004	S	AA	AA
D 0863	RH-DX0501BMZZ	DIODE 1N4004	S	AA	AA
D 0864	RH-DX0045BMZZ	DIODE 1N4148	S	AA	AA
D 0865	RH-EX0408BMZZ	ZENER DIODE BZX79C5V1	S	AB	AB
D 0866	RH-EX0408BMZZ	ZENER DIODE BZX79C5V1	S	AB	AB
D 0867	RH-EX0408BMZZ	ZENER DIODE BZX79C5V1	S	AB	AB
D 0868	RH-EX0408BMZZ	ZENER DIODE BZX79C5V1	S	AB	AB
D 0869	RH-DX0045BMZZ	DIODE 1N4148	S	AA	AA
D 0871	RH-EX0418BMZZ	ZENER DIODE BZX79C13V	S	AB	AB
D 1607	RH-EX0400BMZZ	ZENER DIODE BZX79C2V4	S	AA	AB
D 5408	RH-DX0045BMZZ	DIODE 1N4148	S	AA	AA
D 5409	RH-DX0045BMZZ	DIODE 1N4148	S	AA	AA
D 5411	RH-EX0418BMZZ	ZENER DIODE BZX79C13V	S	AB	AB

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
		COILS			
L 0864	RCILP0276BMZZ	COIL AR621LY-470K=R **(For Philips CRT)**	S	AC	AD
L 0864	RCILP0275BMZZ	COIL **(For Thomson CRT)**	S	AA	AD
L 1603	VP-DF470K0000	PEAK COIL 47UH 10%	S	AB	AB
		CAPACITORS			
C 0850	VCEAGA1CW337M	ELEC C 330UF 20% 16V	S	AA	AC
C 0851	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S	AA	AA
C 0852	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S	AA	AA
C 0853	VCEAGA1CW108M	ELEC C 1000UF 20% 16V	S	AA	AC
C 0861	VCCCPA1HH5R0C	CERAM C 5PF % 50V	S	AA	AA
C 0862	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S	AA	AA
C 0863	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
C 0865	VCCCPA1HH7R0D	CERAM C 7PF % 50V	S	AA	AA
C 0868	VCEAGH2EW107M	ELEC C 100MF 20% 250V	S	AC	AH
C 0869	VCKYPB3DE472Z	C DE1110-1E472Z2K MURATA	S	AA	AC
C 0871	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S	AA	AA
C 0874	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S	AA	AA
C 0877	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S	AA	AA
C 0880	VCFYAA2EA333K	POL FILM C 33NF 10% 250V	S	AC	AE
C 0881	VCCSPA1HL561J	CERAM C 560PF 5% 50V	S	AA	AA
C 0882	VCFYAA2EA333K	POL FILM C 33NF 10% 250V	S	AC	AE
C 0883	VCCSPA1HL561J	CERAM C 560PF 5% 50V	S	AA	AA
C 0884	VCFYAA2EA333K	POL FILM C 33NF 10% 250V	S	AC	AE
C 0885	VCCSPA1HL561J	CERAM C 560PF 5% 50V	S	AA	AA
C 0887	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S	AA	AA
C 0890	RC-FZ4223BMNJ	POL FILM C 22nF 50V 5% ECQ-B PANASONIC	S	AA	AA
C 1608	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
C 1609	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
C 1610	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S	AA	AB
C 1611	RC-FZ4102BMNJ	POL FILM C 1nF 50V 5% ECQ-B PANASONIC	S	AA	AA
C 1612	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S	AA	AA
C 1613	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S	AA	AA
C 1614	VCKZPA1HF103Z	CERAM C 10NF % 50V	S	AA	AA
C 5405	RC-FZ4224BMNJ	POL FILM C 220nF 50V 5% ECQ-V PANASONIC	S	AA	AB
C 5407	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S	AA	AA
C 5408	RC-FZ0156BMZZ	C B32529-B6473K 47nF 400V SIEMENS	S	AD	AE
C 5409	RC-FZ4122BMNJ	POL FILM C 1,2NF 50V 5% ECQ-B PANASONIC	S	AA	AA
C 5414	VCEAGA2CW226M	ELEC C 22UF 20% 160V	S	AA	AC
C 5416	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S	AA	AA
C 5418	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S	AA	AA
C 5419	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S	AA	AA
C 5420	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	AC
C 5421	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	AC
C 5422	RC-FZ4473BMNJ	POL FILM C 47nF 50V 5% ECQ-B PANASONIC	S	AA	AA
C 5424	RC-FZ6683BMNJ	PP FILM C 68NF 5% 250V	S	AA	AB
C 5425	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S	AA	AA
C 5426	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S	AA	AA
		RESISTORS			
R 0853	VRD-RA2BE223J	RES 22KOHM 5% 1/8W	S	AA	AA
R 0856	VRD-RA2EE680J	RES 68 OHM 5% 1/4W	S	AA	AA
R 0859	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
R 0860	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S	AA	AA
R 0861	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S	AA	AA
R 0862	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S	AA	AA
R 0863	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S	AA	AA
R 0865	VRD-RA2BE332J	RES 3,3KOHM 5% 1/8W	S	AA	AA
R 0866	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S	AA	AA
R 0868	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S	AA	AA
R 0872	VRD-RA2BE562J	RES 5,6KOHM 5% 1/8W	S	AA	AA
R 0873	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S	AA	AA
R 0875	VRD-RA2BE562J	RES 5,6KOHM 5% 1/8W	S	AA	AA
R 0876	VRD-RA2BE562J	RES 5,6KOHM 5% 1/8W	S	AA	AA
R 0880	VRS-VV3DB683J	MET OX RES 68KOHM 5% 2W	S	AA	AA
R 0883	VRS-VV3DB683J	MET OX RES 68KOHM 5% 2W	S	AA	AA
R 0884	VRS-VV3DB683J	MET OX RES 68KOHM 5% 2W	S	AA	AA
R 0886	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S	AA	AA
R 0887	VRD-RA2HD331J	RES 330 OHM 5% 1/2W	S	AA	AA
R 0888	VRC-MA2HG681J	SOLID R 680 OHM 5% 1/2W	S	AA	AB
R 0889	VRD-RA2HD331J	RES 330 OHM 5% 1/2W	S	AA	AA
R 0891	VRC-MA2HG681J	SOLID R 680 OHM 5% 1/2W	S	AA	AB
R 0892	VRD-RA2HD331J	RES 330 OHM 5% 1/2W	S	AA	AA
R 0894	VRC-MA2HG681J	SOLID R 680 OHM 5% 1/2W	S	AA	AB

	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
	R 0895	VRD-RA2BE392J	RES 3,9KOHM 5% 1/8W	S	AA	AA
	R 1615	VRD-RA2BE105J	RES 1MOHM 5% 1/8W	S	AA	AA
	R 1616	VRD-RA2BE104J	RES 100KOHM 5% 1/8W	S	AA	AA
	R 1617	VRD-RA2BE222J	RES 2,2KOHM 5% 1/8W	S	AA	AA
	R 1618	VRD-RA2BE104J	RES 100KOHM 5% 1/8W	S	AA	AA
	R 1619	VRD-RA2BE473J	RES 47KOHM 5% 1/8W	S	AA	AA
	R 1620	VRD-RA2BE103J	RES 10KOHM 5% 1/8W	S	AA	AA
	R 1621	VRS-VV3AB101J	MET OX RES 100 OHM 5% 1W	S	AA	AA
	R 1622	VRD-RA2BE471J	RES 470 OHM 5% 1/8W	S	AA	AA
	R 1623	VRS-VV3AB101J	MET OX RES 100 OHM 5% 1W	S	AA	AA
	R 1624	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
	R 5415	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S	AA	AA
	R 5416	VRD-RA2BE124J	RES 120KOHM 5% 1/8W	S	AA	AA
	R 5418	VRD-RA2BE124J	RES 120KOHM 5% 1/8W	S	AA	AA
	R 5419	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S	AA	AA
	R 5420	VRD-RA2EE3R3J	RES 3,3 OHM 5% 1/4W	S	AA	AA
	R 5421	VRD-RA2EE3R3J	RES 3,3 OHM 5% 1/4W	S	AA	AA
	R 5424	VRS-VV3DB102J	MET OX RES 1KOHM 5% 2W	S	AA	AA
	R 5425	VRS-VV3LB332J	MET OX RES 3,3KOHM 5% 3W	S	AA	AA
	R 5427	VRD-RA2BE222J	RES 2,2KOHM 5% 1/8W	S	AA	AA
	R 5431	VRD-RA2BE122J	RES 1,2KOHM 5% 1/8W	S	AA	AA
	R 5432	VRD-RA2BE330J	RES 33 OHM 5% 1/8W	S	AA	AA
	R 5433	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
	R 5434	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S	AA	AA
	R 5435	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S	AA	AA
	R 5436	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S	AA	AA
	R 5437	RR-XZ0200BMZZ	FUS RES 1R0 TAP 5% 1/2W	S	AA	AB
	R 5442	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S	AA	AA
	R 5443	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S	AA	AA
	R 5444	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S	AA	AA
	R 5445	VRD-RA2BE151J	RES 150 OHM 5% 1/8W	S	AA	AA
	R 5446	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S	AA	AA
	R 5447	VRD-RA2BE223J	RES 22KOHM 5% 1/8W	S	AA	AA
	R 5448	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S	AA	AA
	R 5449	RR-XZ0200BMZZ	FUS RES 1R0 TAP 5% 1/2W	S	AA	AB
			MISCELLANEOUS PARTS			
⚠	**SC 0861**	QSOCV0936CEZZ	CRT SOCKET **(For Philips CRT)**	S	AF	AM
⚠	**SC 0861**	QSOCV0103BMZZ	HOSHID CRT SOCKET **(For Thomson CRT)**	S	AD	AG
	(B)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(H)+B848	QPLGN0541CEZZ	PLUG	S	AA	AA
	(K)	QPLGN0841CEZZ	PLUG	S	AA	AA
	(L2)	QTIPM0017CEFM	TIP	S	AA	AA
	(MO)	QPLGN0441CEZZ	PLUG 4PIN	S	AA	AA
	(Q)	QPLGN0441CEZZ	PLUG 4PIN **(For Philips CRT)**	S	AA	AA
	(Q)	-	Abolished **for Thomson CRT**	S	-	-
	(RT)	QPLGN0241CEZZ	PLUG	S	AA	AA
	(SV)	QPLGN0341CEZZ	PLUG	S	AA	AA
	FB 0850	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB
	FB 0851	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB
	FB 0852	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB

PWB-C DIGITAL MODULE UNIT (PIP)

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
		INTEGRATED CIRCUITS			
IC 6001	RH-IX1790BMZZ	IC VPC3230D-BZ MICRONAS	S	AV	BG
IC 6002	RH-IX1804BMZZ	IC SDA9410 INFINEON	S	BD	BT
IC 6003	RH-IX1805BMZZ	IC SDA9380 INFINEON	S	AN	AZ
IC 6004	RH-IX1790BMZZ	IC VPC3230D-BZ MICRONAS	S	AV	BG
IC 6008	RH-IX1602BMZZ	IC HEF4053 SMD	S	AA	AD
		TRANSISTORS			
Q 6005	RH-TX0217BMZZ	TRT BC337 PHILIPS	S	AA	AB
Q 6008	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
Q 6021	VS2SA1037KQ-1	TRT BC807 SMD	S	AA	AA
Q 6022	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S	AA	AA
		DIODES			
D 6001	RH-EX0544BMZZ	ZENER DIODE TZMC4V7 TFK SMD	S	AA	AA
D 6002	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 6003	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 6004	RH-EX0544BMZZ	ZENER DIODE TZMC4V7 TFK SMD	S	AA	AA
D 6006	RH-EX0551BMZZ	ZENER DIODE TZMC9V1 TFK SMD	S	AA	AA
D 6009	RH-EX0542BMZZ	ZENER DIODE TZMC3V9 TFK SMD	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
D 6011	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 6012	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 6015	RH-EX0579BMZZ	ZENER DIODE TZMB3V9 TFK SMD 2%	S	AA	AA
		PACKAGED CIRCUITS			
X 6001	RCRSB0219BMZZ	CRYSTAL 20.25 HMZ	S	AG	AH
X 6002	RCRSB0242BMZZ	CRYSTAL 27MHZ	S	AC	AH
X 6003	RCRSB0244BMZZ	CRYSTAL 24.576MHz ACAL	S	AC	AG
X 6004	RCRSB0219BMZZ	CRYSTAL 20.25 HMZ	S	AG	AH
		COILS			
L 6001	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6002	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6004	VP-NM100KR42N	COIL 10UH SMD	S	AA	AC
L 6005	VP-NM1R0MR10N	COIL 1UH SMD	S	AB	AB
L 6006	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6007	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6008	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6009	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6010	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6011	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6012	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6013	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6014	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6015	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6016	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6017	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6018	VP-NM100KR42N	COIL 10UH SMD	S	AA	AC
L 6019	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6020	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6021	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6022	VP-NM100KR42N	COIL 10UH SMD	S	AA	AC
L 6023	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6024	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
L 6025	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
		CAPACITORS			
C 6001	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6002	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6003	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S	AA	AA
C 6004	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6005	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6006	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S	AA	AA
C 6007	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6008	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6009	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S	AA	AA
C 6010	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6011	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6012	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S	AA	AA
C 6013	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
C 6014	VCCCTV1HH560J	CERAM C 56PF 50V 2125SMD	S	AA	AA
C 6017	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 6018	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	AA
C 6019	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S	AA	AA
C 6020	VCCCTV1HH3R3C	CERAM C 3,3PF 50V 2125SMD	S	AA	AA
C 6021	VCCCTV1HH3R3C	CERAM C 3,3PF 50V 2125SMD	S	AA	AA
C 6022	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	AA
C 6023	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
C 6024	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	AA
C 6025	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
C 6026	VCEAGA1AW476M	ELEC C 47UF 20% 10V	S	AA	AA
C 6027	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	AA
C 6028	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	AA
C 6029	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 6030	VCEAGA1AW476M	ELEC C 47UF 20% 10V	S	AA	AA
C 6031	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	AA
C 6032	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	AA
C 6033	VCEAGA1AW477M	ELEC C 470UF 20% 10V	S	AA	AB
C 6034	VCEAGA1AW477M	ELEC C 470UF 20% 10V	S	AA	AB
C 6035	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S	AA	AA
C 6036	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6037	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
C 6038	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	AA
C 6039	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
C 6040	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA
C 6041	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA
C 6042	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA
C 6043	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S	AA	AA
C 6044	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S	AA	AA
C 6045	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6046	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6047	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6048	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6049	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6050	VCEAGA1HW107M	ELEC C 100UF 20% 50V	S	AA	AA
C 6051	VCCCTV1HH270J	CERAM C 27PF 50V 2125SMD	S	AA	AA
C 6052	VCCCTV1HH270J	CERAM C 27PF 50V 2125SMD	S	AA	AA
C 6053	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6054	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6055	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6056	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6057	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S	AA	AA
C 6058	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6059	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6060	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6061	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6062	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6063	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6064	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	AA
C 6065	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	AA
C 6066	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	AA
C 6067	VCEAGA1HW226M	ELEC C 22UF 20% 50V	S	AA	AA
C 6068	VCEAGA1HW107M	ELEC C 100UF 20% 50V	S	AA	AA
C 6069	VCEAGA1HW474M	ELEC C 0,47UF 20% 50V	S	AA	AA
C 6070	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6071	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6072	VCCCTV1HH150J	CERAM C 15PF 50V 2125SMD	S	AA	AA
C 6073	VCCCTV1HH150J	CERAM C 15PF 50V 2125SMD	S	AA	AA
C 6074	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6075	VCEAGA1HW107M	ELEC C 100UF 20% 50V	S	AA	AA
C 6076	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	AA
C 6077	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	AA
C 6078	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	AA
C 6079	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	AA
C 6081	VCCCTV1HH121J	CERAM C 120PF 50V 2125SMD	S	AA	AA
C 6090	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6091	VCEAGA1AW477M	ELEC C 470UF 20% 10V	S	AA	AB
C 6092	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6093	VCEAGA1AW477M	ELEC C 470UF 20% 10V	S	AA	AB
C 6094	VCEAGA1AW477M	ELEC C 470UF 20% 10V	S	AA	AB
C 6095	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 6096	VCCCTV1HH3R3C	CERAM C 3,3PF 50V 2125SMD	S	AA	AA
C 6097	VCCCTV1HH3R3C	CERAM C 3,3PF 50V 2125SMD	S	AA	AA
C 6098	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	AA
C 6099	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	AA
C 6100	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S	AA	AA
C 6101	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S	AA	AA
C 6102	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S	AA	AA
C 6103	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	AA
C 6104	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	AA
C 6105	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6106	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S	AA	AA
C 6107	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
C 6108	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	AA
C 6109	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
C 6110	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
C 6111	VCKYTV1HB152K	CERAM C 1,5NF 50V 2125SMD	S	AA	AA
C 6112	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S	AA	AA
C 6113	VCEAGA1AW476M	ELEC C 47UF 20% 10V	S	AA	AA
C 6114	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	AA
C 6115	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 6116	VCEAGA1AW476M	ELEC C 47UF 20% 10V	S	AA	AA
C 6117	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S	AA	AA
C 6121	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
C 6122	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
C 6123	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S	AA	AA
C 6125	VCEAGA1HW476M	ELEC C 47UF 20% 50V	S	AA	AA
C 6126	VCEAGA1HW476M	ELEC C 47UF 20% 50V	S	AA	AA

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
C 6127	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
C 6128	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6129	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6130	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6131	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6132	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6133	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6134	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6135	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
C 6136	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
C 6137	VCEAGA1HW107M	ELEC C 100UF 20% 50V	S	AA	AA
C 6140	VCEAGA0JW108M	ELEC C 1000UF 20% 6,3V	S	AA	AB
C 6141	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
C 6142	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
C 6144	VCEAGA0JW337M	ELEC C 330UF 20% 6,3V	S	AA	AA
C 6145	VCEAGA0JW337M	ELEC C 330UF 20% 6,3V	S	AA	AA
C 6147	VCEAGA0JW337M	ELEC C 330UF 20% 6,3V	S	AA	AA
C 6148	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 6149	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 6150	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
C 6151	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
C 6156	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
C 6205	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
C 6236	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S	AA	AA
		RESISTORS			
R 6001	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 6002	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 6003	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 6004	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 6005	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 6006	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 6007	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 6008	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 6009	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S	AA	AA
R 6010	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6011	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6012	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6013	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6014	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6015	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6016	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6017	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6018	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6019	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6020	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6021	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6022	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6023	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6024	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6025	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6026	VRS-TV1JD562J	2125 5,6KOHM 5% 1/10W SMD	S	AA	AA
R 6027	VRS-TV1JD392J	2125 3.9KOHM 5% 1/10W SMD	S	AA	AA
R 6028	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 6029	VRS-TV1JD182J	2125 1,8KOHM 5% 1/10W SMD	S	AA	AA
R 6030	VRS-TV1JD152J	2125 1.5KOHM 5% 1/10W SMD	S	AA	AA
R 6031	VRS-TV1JD222J	2125 2,2KOHM 5% 1/10W SMD	S	AA	AA
R 6032	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S	AA	AA
R 6033	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 6034	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	AA
R 6035	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	AA
R 6036	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S	AA	AA
R 6037	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S	AA	AA
R 6038	VRS-TV1JD224J	2125 220KOHM 5% 1/10W SMD	S	AA	AA
R 6039	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S	AA	AA
R 6040	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S	AA	AA
R 6041	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S	AA	AA
R 6042	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA
R 6062	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 6063	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 6064	VRS-TV1JD561J	2125 560 OHM 5% 1/10W SMD	S	AA	AA
R 6065	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA
R 6066	RH-EX0407BMZZ	ZENER DIODE BZX79C4V7	S	AA	AA
R 6068	VRS-TV1JD562J	2125 5,6KOHM 5% 1/10W SMD	S	AA	AA

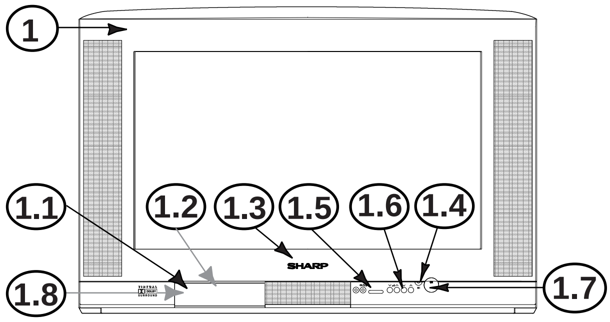
REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
R 6069	VRS-TV1JD911J	2125 910 OHM 5% 1/10W SMD	S	AA	AA
R 6070	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6071	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6072	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6073	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6074	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6075	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6076	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6077	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6078	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6079	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6080	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6081	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6082	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6083	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6084	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6085	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6091	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 6092	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 6094	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S	AA	AA
R 6095	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S	AA	AA
R 6096	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 6118	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S	AA	AA
R 6119	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S	AA	AA
R 6120	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S	AA	AA
R 6121	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6122	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S	AA	AA
R 6123	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6124	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S	AA	AA
R 6125	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S	AA	AA
R 6126	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
R 6127	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 6128	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S	AA	AA
R 6129	VRD-RA2BE223J	RES 22KOHM 5% 1/8W	S	AA	AA
		MISCELLANEOUS PARTS			
(KA)	QPLGN0842CEZZ	PLUG	S	AA	AB
(PW)	QPLGN0242CEZZ	BENT PLUG 2 WAYS WHITE J.S.T.	S	AA	AA
(RGB)	QPLGN0442CEZZ	PLUG	S	AA	AA
(SEL)	QPLGN0842CEZZ	PLUG	S	AA	AB
(VD)	QPLGN0242CEZZ	BENT PLUG 2 WAYS WHITE J.S.T.	S	AA	AA
(YA)	QPLGN1285CEZZ	PLUG	S	AB	AD
(YB)	QPLGN1285CEZZ	PLUG	S	AB	AD
(YC)	QPLGN1285CEZZ	PLUG	S	AB	AD
FB 6201	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	AA
FB 6202	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	AA
FB 6203	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	AA
FB 6204	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	AA
FB 6205	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S	AA	AA
FB 6206	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
FB 6207	RCORF0003GEZZ	SMDFERRIT HF50ACB322513	S	AA	AC
JF 0004	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
JF 0007	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
PWB-D		**DINAMIC FOCUS +E/W UNIT**			
		INTEGRATED CIRCUITS			
IC 1701	RH-IX1801BMZZ	IC L6561D ST	S	AC	AH
		TRANSISTORS			
Q 1601	RH-TX0224BMZZ	TRT TIP32C THOMSON	S	AA	AE
Q 1701	RH-TX0231BMZZ	TRT 2SK2662 TOSHIBA	S	AB	AG
		DIODES			
D 1601	RH-EX0431BMZZ	ZENER DIODE BZX79C47V	S	AA	AA
D 1602	RH-EX0415BMZZ	ZENER DIODE BZX79C10V **(For Philips 4144 & Thomson)**	S	AA	AA
D 1602	RH-EX0407BMZZ	CRC-FZ7104BMNJ ZENER 4V7 **(For Philips 3144)**	S	AA	AB
D 1701	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA
D 1702	RH-EX0558BMZZ	ZENER DIODE TZMC18 TFK SMD	S	AA	AA
D 1703	RH-DX0618BMZZ	DIODE BYV28-600 VISHAY	S	AA	AE
		TRANSFORMERS			
T 1602	RTRNZ0575BMZZ	CHOPPER DINAMIC FOCUS DIEMEN **(For Philips CRT)**	S	AG	AS
T 1602	-	Abolished **for Thomson CRT**	-	-	-
T 1701	RTRNZ0587BMZZ	BOOST INDUCTOR PFC HR-275N-15021-00	S	AG	AS

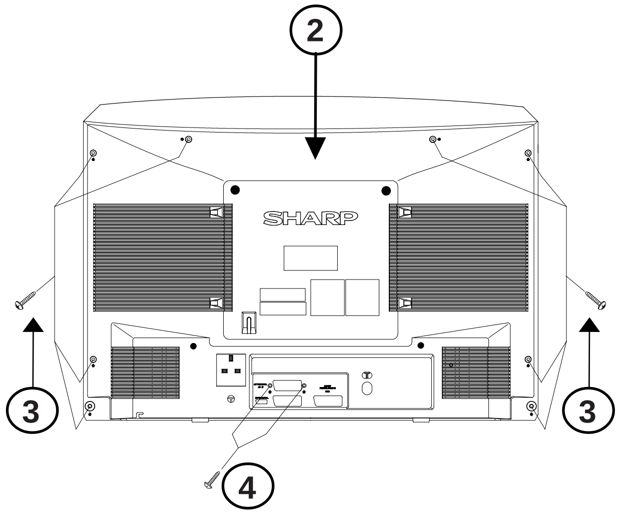
REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
		CAPACITORS			
C 1601	RC-KZ0036CEZZ	CERAM C 330PF 2KV **(For Philips CRT)**	S	AA	AB
C 1601	-	Abolished **for Thomson CRT**	-	-	-
C 1602	RC-KZ0038CEZZ	CERAM C 470PF 2KV **(For Philips CRT)**	S	AA	AB
C 1602	-	Abolished **for Thomson CRT**	-	-	-
C 1603	RC-KZ0052CEZZ	CERAM C 1000PF 2KV MURATA **(For Philips CRT)**	S	AA	AC
C 1603	-	Abolished **for Thomson CRT**	-	-	-
C 1701	RC-FZ0186BMZZ	C 22NF 630V 222237514223 PHILIPS	S	AA	AD
C 1702	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S	AA	AA
C 1703	VCEAGA1EW226M	ELEC C 22UF 20% 25V	S	AA	AA
C 1704	RC-KZ0035CEZZ	CERAM C 220PF 2KV	S	AA	AC
C 1705	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S	AA	AA
C 1706	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S	AA	AA
C 1707	RC-FZ0186BMZZ	C 22NF 630V 222237514223 PHILIPS	S	AA	AD
		RESISTORS			
R 1601	VRD-RA2HD181J	RES 180 OHM 5% 1/2W	S	AA	AA
R 1602	VRS-VV3LB332J	MET OX RES 3,3KOHM 5% 3W	S	AA	AA
R 1603	VRS-VV3LB332J	MET OX RES 3,3KOHM 5% 3W	S	AA	AA
R 1701	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S	AA	AA
R 1702	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S	AA	AA
R 1703	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S	AA	AA
R 1704	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S	AA	AA
R 1705	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S	AA	AA
R 1706	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S	AA	AA
R 1707	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 1708	VRS-TV1JD683J	2125 68KOHM 5% 1/10W SMD	S	AA	AA
R 1709	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S	AA	AA
R 1710	VRN-VV3ABR47J	MET FILM R .47 OHM 5% 1W	S	AA	AA
R 1711	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S	AA	AA
R 1712	VRS-TV1JD622F	2125 6.2KOHM 1% 1/10W SMD	S	AA	AA
R 1713	VRS-TQ2BD334F	OX RE 330KOHM 1% 1/8W SMD	S	AA	AA
R 1714	VRS-TQ2BD334F	OX RE 330KOHM 1% 1/8W SMD	S	AA	AA
R 1715	VRS-TQ2BD334F	OX RE 330KOHM 1% 1/8W SMD	S	AA	AA
		MISCELLANEOUS PARTS			
FOCO	RVR-Z0001BMZZ	VAR-RESISTOR POT 8222 419 34301 **(For Philips CRT)**	S	AR	BC
FOCO	-	Abolished **for Thomson CRT**	-	-	-
FOCO SCREW	XTASD30P10000	SCREW TO FIX FOCO TO Q1601 HEAT SINK **(For Philips CRT)**	S	AA	AA
FOCO SCREW	-	Abolished **for Thomson CRT**	-	-	-
(EW)	QPLGN0241CEZZ	PLUG	S	AA	AA
(F)	QPLGN0505CEZZ	PLUG **(For Philips CRT)**	S	AA	AB
(F)	-	Abolished **for Thomson CRT**	-	-	-
(FF)	QPLGN0505CEZZ	PLUG **(For Philips CRT)**	S	AA	AB
(FF)	-	Abolished **for Thomson CRT**	-	-	-
(PWA)	QCNCM0672FCZZ	CONN B2P3-VH JST	S	AA	AB
FB 1701	RBLN-0080CEZZ	BALUNE	S	AA	AE
L 0005	QTIPM0017CEFM	TIP	S	AA	AA
L 0006	QTIPM0017CEFM	TIP	S	AA	AA
PWB-E		**FRONTAL POWER SWITCH "NO" Version**			
		DIODES			
D 6751	RH-PX0105BMZZ	LED SPB-25MVW ROHM	S	AC	AC
D 6752	RH-PX0105BMZZ	LED SPB-25MVW ROHM	S	AC	AC
		CAPACITORS			
C 6715	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S	AA	AA
		RESISTORS			
R 6701	VRD-RA2HD124J	RES 120KOHM 5% 1/2W	S	AA	AA
R 6702	VRD-RA2HD124J	RES 120KOHM 5% 1/2W	S	AA	AA
R 6738	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6739	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
R 6751	VRD-RA2BE332J	RES 3,3KOHM 5% 1/8W	S	AA	AA
		MISCELLANEOUS PARTS			
	GCOVA1512BMSA	DECORATION	S	AA	AB
	QFSHD1001BMZZ	FUSE HOLD.EYF52BC=PANASON	S	AA	AA
	QFSHD1002BMZZ	FUSE HOLD.EYF52BC=PANASON	S	AA	AA
(A)	QCNW-2820BMZZ	WIRE VOLTAGE SUPPLY 220V	S	AA	AE
(A)	QPLGN0207CEZZ	PLUG	S	AA	AA
(M)	QPLGN0304CEZZ	PLUG	S	AA	AB

	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
	(OP)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(OPC)	QCNW-2838BMZZ	WIRE 2 WAYS PROTECTED	S	AA	AE
	(RC)	QCNW-2795BMZZ	WIRE 3 WAYS	S	AA	AD
	(RC)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(ST)	QCNW-2838BMZZ	WIRE 2 WAYS PROTECTED	S	AA	AE
	(ST)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(SW1)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(SW2)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(SW1)	QCNW-2795BMZZ	WIRE 3 WAYS	S	AA	AD
	(SW2)	QCNW-2795BMZZ	WIRE 3 WAYS	S	AA	AD
⚠	F 6701	QFS-C3226CEZZ	FUSE T3.15AH 250V	S	AC	AE
	LP 6701	RLAMP0001BMZZ	NEON TYPE 4/30HB NEOTRONIC	S	AB	AC
	M 6701	RRMCU0203BMZZ	R/C RECEIVER TS0P1738 TFK	S	AD	AG
	OPC1	RH-IX1601BMZZ	IC OPC	S	AG	AT
⚠	S 6701	QSW-P0600BMZZ	SWITCH S40 3110432713 GDE	S	AF	AL
	S 6702	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	AA
	S 6703	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	AA
	S 6704	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	AA
	S 6705	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	AA
		GCOVA1512BMSA	DECORATION	S	AA	AB
		QFSHD1001BMZZ	FUSE HOLD.EYF52BC=PANASON	S	AA	AA
		QFSHD1002BMZZ	FUSE HOLD.EYF52BC=PANASON	S	AA	AA
	PWB-F		**FRONTAL POWER SWITCH "N1" Version**			
			DIODES			
	D 6751	RH-PX0105BMZZ	LED SPB-25MVW ROHM	S	AC	AC
	D 6752	RH-PX0105BMZZ	LED SPB-25MVW ROHM	S	AC	AC
			COILS			
	L 6701	RCILF0108BMZZ	COIL 472839.00 THOMSON	S	AF	AL
			CAPACITORS			
	C 6701	RC-FZ0219BMZZ	C 470NF 275V X2 B81130-C1474-M SIEMENS	S	AA	AD
	C 6715	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S	AA	AA
	C 6746	RC-FZ0188BMZZ	C B81130-C1334-M 330NF 275V X2 SIEMENS	S	AA	AC
			RESISTORS			
	R 6701	VRD-RA2HD124J	RES 120KOHM 5% 1/2W	S	AA	AA
	R 6702	VRD-RA2HD124J	RES 120KOHM 5% 1/2W	S	AA	AA
	R 6738	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
	R 6739	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S	AA	AA
	R 6751	VRD-RA2BE332J	RES 3,3KOHM 5% 1/8W	S	AA	AA
			MISCELLANEOUS PARTS			
	(A)	QPLGN0207CEZZ	PLUG	S	AA	AA
	(AA)	QCNW-2826BMZZ	WIRE (AA) 2 WAYS	S	AA	AE
	(M)	QPLGN0304CEZZ	PLUG	S	AA	AB
	(OP)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(OPC)	QCNW-2838BMZZ	WIRE 2 WAYS PROTECTED	S	AA	AE
	(RC)	QCNW-2795BMZZ	WIRE 3 WAYS	S	AA	AD
	(RC)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(ST)	QCNW-2838BMZZ	WIRE 2 WAYS PROTECTED	S	AA	AE
	(ST)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(SW1)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(SW2)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(SW1)	QCNW-2795BMZZ	WIRE 3 WAYS	S	AA	AD
	(SW2)	QCNW-2795BMZZ	WIRE 3 WAYS	S	AA	AD
	F 6701	QFS-C3226CEZZ	FUSE T3.15AH 250V	S	AC	AE
	LP 6701	RLAMP0001BMZZ	NEON TYPE 4/30HB NEOTRONIC	S	AB	AC
	M 6701	RRMCU0203BMZZ	R/C RECEIVER TS0P1738 TFK	S	AD	AG
	OPC1	RH-IX1601BMZZ	IC OPC	S	AG	AT
	S 6701	QSW-P0600BMZZ	SWITCH S40 3110432713 GDE	S	AF	AL
	S 6702	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	AA
	S 6703	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	AA
	S 6704	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	AA
	S 6705	QSW-K0079GEZZ	TACTILE SWITCH	S	AA	AA
	PWB-G		**FRONTAL SIGNAL UNIT**			
			COILS			
	L 0317	VP-DF3R3K0000	PEAK COIL 3,3UH 10%	S	AB	AB
	L 0318	VP-DF3R3K0000	PEAK COIL 3,3UH 10%	S	AB	AB

	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
			RESISTORS			
	R 0316	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S	AA	AA
	R 0317	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S	AA	AA
	R 0449	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S	AA	AA
			MISCELLANEOUS PARTS			
	(CC)	QPLGN0241CEZZ	PLUG	S	AA	AA
	(CN4)	QJAKJ0047CEZZ	EARPHONE JACK HSJ0998-72	S	AA	AG
	(FV)	QPLGN0241CEZZ	PLUG	S	AA	AA
	(HD)	QCNW-2849BMZZ	WIRE 3 WAYS HD	S	AA	AE
	(HD)	QPLGN0341CEZZ	PLUG	S	AA	AA
	(SS)	QCNW-2792BMZZ	WIRE 3 WAYS (SS)	S	AA	AE
	(SS)	QPLGN0341CEZZ	PLUG	S	AA	AA
	PWB-H		**3.3VDC POWER SUPPLY UNIT**			
			TRANSISTORS			
	Q 7001	RH-TX0216BMZZ	TRT BC327	S	AA	AA
	Q 7002	RH-TX0106BMZZ	TRT BC547	S	AA	AB
			DIODES			
	D 7001	RH-EX0405BMZZ	ZENER DIODE BZX79C3V9	S	AB	AB
			CAPACITORS			
	C 7001	VCEAGA0JW108M	ELEC C 1000UF 20% 6,3V	S	AA	AB
	C 7002	VCEAGA1AW108M	ELEC C 1000UF 20% 10V	S	AA	AB
			RESISTORS			
	R 7001	VRN-VV3LB2R7J	MET FILM R 2.7 OHM 5% 3W	S	AA	AC
	R 7002	VRD-RA2BE331J	RES 330 OHM 5% 1/8W	S	AA	AA
	R 7003	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S	AA	AA
	R 7004	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S	AA	AA
			MISCELLANEOUS PARTS			
	(K)	QPLGN0862CEZZ	PLUG	S	AA	AC
	(VD)	QPLGN0242CEZZ	BENT PLUG 2 WAYS WHITE J.S.T.	S	AA	AA
	PWB-I		**LINE FILTER MODULE (for 7317NO Version)**			
			COILS			
	L 4701	RCILF0108BMZZ	COIL 472839.00 THOMSON	S	AF	AL
			CAPACITORS			
⚠	C 4701	RC-FZ0160BMZZ	C B81133-D1474-M 470nF 275V SIEMENS	S	AC	AF
⚠	C 4746	RC-FZ0192BMZZ	C 330NF 275V X2 222233820334 PHILIPS	S	AA	AD
			MISCELLANEOUS PARTS			
	(A)	QCNCM0672FCZZ	CONN B2P3-VH JST	S	AA	AB
	(AA)	QCNCM0672FCZZ	CONN B2P3-VH JST	S	AA	AB
	(AA)	QCNW-2873BMZZ	WIRE AA POWER SUPPLY 2 VIAS	S	AB	AE
			MISCELLANEOUS PARTS			
		LCHSM1011BMZZ	CHASSIS FRAME	S	AD	AL
		PMLT-1015BM00	MOLTPLANE	S	AA	AA
⚠		QCNW-2745BMZZ	MAT WIRE OREGA 100463.20	S	AC	AH
		QCNW-2782BMZZ	WIRE 3 WAYS (RGB)	S	AC	AK
		QCNW-2817BMZZ	WIRE (RT) 2 WAYS	S	AA	AE
⚠	**"BRIDGE"**	QCNW-2819BMZZ	WIRE MARBEL (T601 & RVR-Z0001BMZZ) **(For Philips CRT)**	S	AA	AC
	"BRIDGE"	-	Abolished **for Thomson CRT**	-	-	-
	G2	QCNW-2830BMZZ	WIRE 13040000-0 MARBEL **(For Phillips CRT)**	S	AA	AC
	G2	QCNW-2747BMZZ	WIRE G2 OREGA 578129.50 **(For Thomson CRT)**	S	AA	AD
	(AV)	QCNW-2882BMZZ	AV WIRE 70GF66E (DW)	S	AH	AU
	(EW)	QCNW-2855BMZZ	WIRE 2 WAYS 43CM DOUBLE INSULATION	S	AA	AE
	(F)	QCNW-2828BMZZ	WIRE (F) 4 WAYS **(For Phillips CRT)**	S	AB	AF
	(F)	CSOCN0662BMV0	CABLE SET (F) THOMSON TRUE FLAT CRT (For Thomson CRT)	S	AH	AC
	(F1)	QCNW-2866BMZZ	HIGHT VOLTAGE FOCUS WIRE **(For Philips CRT)**	S	AA	AC
	(F1)	QCNW-2746BMZZ	CABLE FOCO OREGA 704030.54 **(For Thomson CRT)**	-	-	-
	(F2)	QCNW-2866BMZZ	HIGHT VOLTAGE FOCUS WIRE **(For Philips CRT)**	S	AA	AC
	(F2)	-	Abolished **for Thomson CRT**	-	-	-
	(H)	QCNW-2783BMZZ	WIRE (KA) 5 WAYS	S	AB	AF
	(KA)	QCNW-2793BMZZ	WIRE (K)	S	AD	AM
	(MO)	QCNW-2743BMZZ	CABLE (H) 4 VIAS	S	AA	AE
	(PW)	QCNW-2868BMZZ	POWER SUPPLIER WIRE PFC PWA	S	AB	AF
	(VD)	QCNW-2833BMZZ	**WIRE 2 WAYS DOUBLE ISOLAT**	S	AA	AD
	FB1	RCORF0002BMZZ	**FERRITE CORE TFC-16816EX**	S	AF	AK
	L5	QCNW-2861BMZZ	WIRE WROUND DOUBLE AISOLATION	S	AA	AD

	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
	L6	QCNW-2861BMZZ	WIRE WROUND DOUBLE AISOLATION	S	AA	AD
		CPAKC5486BMV0	PACKING CASE SET	S	--	--
		RCORF0002BMZZ	FERRITE CORE TFC-16816EX	S	AF	AK
		RRMCG1073BMSA	R/C FLAT 50HZ MODEL HOSHIDEN	S	AK	AW
		UBATU0247AJZZ	BATTERY R6(X2)	S	AE	AH
		XTBSB30P13000	SCREW	S	AA	AA
	(FF)	QCNW-2851BMZZ	DEFLECTION WIRE CRT 322 FLAT **(For Philips CRT)**	S	AC	AH
	(FF)	-	Abolished **for Thomson CRT**	-	-	-
	(Q)	QCNW-2854BMZZ	4 WAY WIRE OF 18 CM **(For Philips CRT)**	S	AA	AE
	(Q)	-	Abolished **for Thomson CRT**	S	AA	AE
	(SVM)	QCNW-2845BMZZ	(PU)32" 2 WIRES/3 PIN	S	AA	AD
⚠		QACCZ2100BMSA	AC CORD	S	AH	AR
	(S)	QCNW-2862BMZZ	WIRE SPEAKERS FOR 32" FLAT	S	AB	AG
		VSP1206PB437A	SPEAKER 7 OHM 12W DAIWA	S	AE	AP
		TINS-7060BMN0	X-RAY SHHET 70GF66EDE	S	AA	AA
		TINS-7143BMN0	X-RAY SHEET (CRT THOMSON) 70GF66EDE	S	--	--
		RCILG0443CEZZ	ROTATION COIL TOTOKU MQB1020505	S	AD	AM
		QEARC0022BMZZ	C.ERATH DA-50W	S	AP	AZ
			CABINET PARTS			
	1	CCABA1306BMV2	CABINET SET 70GF66E	S	BC	BS
	1.1	GDORF1064BMSA	DOOR	S	--	--
	1.2	PKAI-1083BM00	DOOR RATCH	S	AC	AF
	1.3	HBDGB3141CESA	SHARP BADGE	S	AB	AG
	1.4	HDECQ0062BMSA	LED DECORATION	S	AA	AC
	1.5	HDECQ0063BMSA	R/C DECORATION	S	AA	AC
	1.6	JBTN-1075BMSA	UP/DOW BUTTON	S	AA	AD
	1.7	JBTN-1076BMSA	POWER BUTTON	S	AA	AC
	1.8	HINDP5118BMSA	INDICATOR	S	AA	AE
⚠	2	GCABB1115BMKA	REAR CABINET 70GF67E	S	AV	BG
	3	XTASB40P20000	REAR CABINET SCREWS	S	AA	AA
	4	XTBSB30P13000	AV SCREWS	S	AA	AA
			OWNERS MANUAL			
		TINS-6959BMN0	OWNERS MANUAL 70GF66EDE	S	AE	AP
		TINS-6962BMN0	OWNERS MANUAL 70GF66EES	S	AE	AP
		TINS-6960BMN1	OWNERS MANUAL 70GF66EF	S	AE	AP
		TINS-6979BMN0	OWNERS MANUAL 70GF66EIT	S	AE	AN
		TINS-6997BMN0	OWNERS MANUAL 70GF66ESE	S	AN	AZ





CRT ALTERNATIVES AND PART DIFFERENCES.			
TUBE	VB66ERF3144*N (PHILIPS)	VB66ERF4144*N (PHILIPS)	VB66EJY11121E (THOMSON)
Mother Board Unit			
R518	VRN-VV3DB1R5J	VRN-VV3DB1R5J	VRN-VV3DB1R8J
C601	RC-FZ0152BMZZ	RC-FZ0152BMZZ	RC-FZ0185BMZZ
R616	VRN-VV3DBR56J	VRN-VV3DBR56J	VW7UGB0-030KK
L603	RCILP0262BMZZ	RCILP0262BMZZ	RCILP0286BMZZ
T601	RTRNF2071BMZZ	RTRNF2071BMZZ	RTRNF2084BMZZ
G2 WIRE	QCNW-2830BMZZ	QCNW-2830BMZZ	QCNW-2747BMZZ
POR0701	RMPTP0001BMZZ	RMPTP0001BMZZ	RMPTP0002BMZZ
NVM	70GF66E8.iic File	70GF66E8.iic File	70GF66E9.iic File
CRT Board Unit			
SC861	QSOCV0936CEZZ	QSOCV0936CEZZ	QSOCV0103BMZZ
L864	RCILP0276BMZZ	RCILP0276BMZZ	RCILP0275BMZZ
Q PLUG	QPLGN0441CEZZ	QPLGN0441CEZZ	ABOLISH
Dinamic Focus Unit			
FOCO	RVR-Z0001BMZZ	RVR-Z0001BMZZ	ABOLISH
F PLUG	QPLGN0505CEZZ	QPLGN0505CEZZ	ABOLISH
F WIRE	QCNW-2828BMZZ	QCNW-2828BMZZ	CSOCN0662BMV0
FF PLUG	QPLGN0505CEZZ	QPLGN0505CEZZ	ABOLISH
FF WIRE	QCNW-2851BMZZ	QCNW-2851BMZZ	ABOLISH
C1601	RC-KZ0036CEZZ	RC-KZ0036CEZZ	ABOLISH
C1602	RC-KZ0038CEZZ	RC-KZ0038CEZZ	ABOLISH
C1603	RC-KZ0052CEZZ	RC-KZ0052CEZZ	ABOLISH
T1602	RTRNZ0575BMZZ	RTRNZ0575BMZZ	ABOLISH
D1602	RH-EX0407BMZZ	RH-EX0415BMZZ	RH-EX0415BMZZ
Miscellaneous Section			
BRIDGE	QCNW-2819BMZZ	QCNW-2819BMZZ	ABOLISH
F1 WIRE	QCNW-2866BMZZ	QCNW-2866BMZZ	QCNW-2746BMZZ
F2 WIRE	QCNW-2866BMZZ	QCNW-2866BMZZ	ABOLISH
Q WIRE	QCNW-2854BMZZ	QCNW-2854BMZZ	ABOLISH
Picture Tube Section			
D.G.C.	RCILG0417BMZZ	RCILG0417BMZZ	RCILG0418BMZZ

NOTES:

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